

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052424\
 Data File : VX041641.D
 Acq On : 24 May 2024 08:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/28/2024
 Supervised By : Semsettin Yesilyurt 05/28/2024

Quant Time: May 25 04:13:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	174792	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	245910	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	227122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	132057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	107761	56.631	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.260%			
35) Dibromofluoromethane	5.379	113	88895	53.344	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.680%			
50) Toluene-d8	8.647	98	302142	57.284	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 114.560%#			
62) 4-Bromofluorobenzene	11.079	95	121115	59.318	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 118.640%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	70154	48.845	ug/l	97
3) Chloromethane	1.300	50	64843	43.630	ug/l	100
4) Vinyl Chloride	1.374	62	71020	50.127	ug/l	99
5) Bromomethane	1.599	94	49006	55.176	ug/l	98
6) Chloroethane	1.666	64	41175	62.593	ug/l	94
7) Trichlorofluoromethane	1.867	101	132313	54.158	ug/l	98
8) Diethyl Ether	2.136	74	50215	58.315	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.319	101	76139	55.450	ug/l	88
10) Methyl Iodide	2.447	142	90243	61.065	ug/l	91
11) Tert butyl alcohol	3.001	59	98137	257.671	ug/l	# 92
12) 1,1-Dichloroethene	2.306	96	68251	50.388	ug/l	91
13) Acrolein	2.239	56	61230	202.651	ug/l	94
14) Allyl chloride	2.660	41	124727	54.809	ug/l	99
15) Acrylonitrile	3.068	53	241545	277.881	ug/l	99
16) Acetone	2.386	43	271159	324.769	ug/l	98
17) Carbon Disulfide	2.501	76	118585	37.244	ug/l	99
18) Methyl Acetate	2.709	43	120585	61.939	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	260781	52.814	ug/l	100
20) Methylene Chloride	2.782	84	80516	48.740	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	70597	46.638	ug/l	91
22) Diisopropyl ether	3.763	45	262692	54.468	ug/l	87
23) Vinyl Acetate	3.721	43	1167946	270.722	ug/l	96
24) 1,1-Dichloroethane	3.605	63	142166	52.177	ug/l	98
25) 2-Butanone	4.562	43	364412	295.891	ug/l	98
26) 2,2-Dichloropropane	4.471	77	120371	52.839	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	92509	51.616	ug/l	92
28) Bromochloromethane	4.891	49	54076	55.611	ug/l	83
29) Tetrahydrofuran	5.007	42	217743	270.338	ug/l	97
30) Chloroform	5.086	83	154664	54.561	ug/l	96
31) Cyclohexane	5.464	56	106116	46.206	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	134072	51.986	ug/l	98
36) 1,1-Dichloropropene	5.684	75	93581	46.962	ug/l	97
37) Ethyl Acetate	4.714	43	131436	52.863	ug/l	100
38) Carbon Tetrachloride	5.672	117	115423	50.562	ug/l	96
39) Methylcyclohexane	7.373	83	113976	48.686	ug/l	93
40) Benzene	6.031	78	304257	49.530	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052424\
 Data File : VX041641.D
 Acq On : 24 May 2024 08:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/28/2024
 Supervised By :Semsettin Yesilyurt 05/28/2024

Quant Time: May 25 04:13:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	71859	56.154	ug/l	96
42) 1,2-Dichloroethane	6.080	62	117783	52.318	ug/l	96
43) Isopropyl Acetate	6.342	43	202400	54.142	ug/l	99
44) Trichloroethene	7.123	130	83537	51.499	ug/l	89
45) 1,2-Dichloropropane	7.427	63	78195	56.973	ug/l	100
46) Dibromomethane	7.580	93	58895	53.903	ug/l #	81
47) Bromodichloromethane	7.818	83	116141	59.651	ug/l	97
48) Methyl methacrylate	7.690	41	101946	59.489	ug/l	96
49) 1,4-Dioxane	7.665	88	41859	1129.775	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	713597	318.115	ug/l	100
52) Toluene	8.714	92	198555	52.838	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	115460	50.963	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	123853	57.862	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	85567	59.128	ug/l	96
56) Ethyl methacrylate	9.116	69	138303	61.752	ug/l	99
57) 1,3-Dichloropropane	9.305	76	138371	57.292	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	325913	300.114	ug/l	94
59) 2-Hexanone	9.433	43	564087	314.475	ug/l	98
60) Dibromochloromethane	9.518	129	101354	59.492	ug/l	99
61) 1,2-Dibromoethane	9.610	107	88920	55.851	ug/l	100
64) Tetrachloroethene	9.269	164	79719	48.471	ug/l	92
65) Chlorobenzene	10.079	112	237676	51.549	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	88563	54.362	ug/l	98
67) Ethyl Benzene	10.189	91	388553	51.079	ug/l	98
68) m/p-Xylenes	10.299	106	304644	100.007	ug/l	95
69) o-Xylene	10.640	106	150991	51.767	ug/l	96
70) Styrene	10.652	104	268266	56.051	ug/l	96
71) Bromoform	10.799	173	83372	57.184	ug/l #	98
73) Isopropylbenzene	10.963	105	403395	50.043	ug/l	97
74) N-amyl acetate	10.841	43	190869	54.197	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	145003	54.896	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	118766m	55.186	ug/l	
77) Bromobenzene	11.195	156	116012	50.992	ug/l	80
78) n-propylbenzene	11.305	91	451797	53.363	ug/l	97
79) 2-Chlorotoluene	11.360	91	278399	51.027	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	338097	51.450	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	44211	55.957	ug/l	96
82) 4-Chlorotoluene	11.451	91	325013	52.473	ug/l	94
83) tert-Butylbenzene	11.713	119	372953	52.999	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	346365	52.384	ug/l	93
85) sec-Butylbenzene	11.890	105	435409	53.992	ug/l	96
86) p-Isopropyltoluene	12.006	119	388479	53.638	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	214200	51.797	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	216648	50.850	ug/l	95
89) n-Butylbenzene	12.329	91	315564	54.185	ug/l	98
90) Hexachloroethane	12.536	117	65667	54.216	ug/l	63
91) 1,2-Dichlorobenzene	12.335	146	219805	50.322	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	32632	53.463	ug/l	61
93) 1,2,4-Trichlorobenzene	13.585	180	156304	51.194	ug/l	94
94) Hexachlorobutadiene	13.725	225	74833	49.081	ug/l	99
95) Naphthalene	13.774	128	468958	51.831	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	157347	50.425	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052424\
Data File : VX041641.D
Acq On : 24 May 2024 08:47
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/28/2024
Supervised By :Semsettin Yesilyurt 05/28/2024

Quant Time: May 25 04:13:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052424\
Data File : VX041641.D
Acq On : 24 May 2024 08:47
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/28/2024
Supervised By :Semsettin Yesilyurt 05/28/2024

Quant Time: May 25 04:13:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration

