

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062424\
 Data File : VX041995.D
 Acq On : 24 Jun 2024 11:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/25/2024
 Supervised By : Mahesh Dadoda 06/25/2024

Quant Time: Jun 25 06:12:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	185569	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	260997	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94821	44.312	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.620%		
35) Dibromofluoromethane	5.379	113	88510	47.794	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.580%		
50) Toluene-d8	8.647	98	312534	48.039	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.080%		
62) 4-Bromofluorobenzene	11.079	95	120343	50.180	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.360%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	65126	46.067	ug/l	99
3) Chloromethane	1.301	50	76351	43.049	ug/l	98
4) Vinyl Chloride	1.374	62	78567	44.192	ug/l	100
5) Bromomethane	1.593	94	42407	48.305	ug/l	98
6) Chloroethane	1.666	64	40068	54.493	ug/l	99
7) Trichlorofluoromethane	1.868	101	125639	53.939	ug/l	100
8) Diethyl Ether	2.136	74	52028	47.584	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.313	101	80928	50.437	ug/l	86
10) Methyl Iodide	2.441	142	92471	46.367	ug/l #	87
11) Tert butyl alcohol	2.995	59	94581	232.897	ug/l #	93
12) 1,1-Dichloroethene	2.306	96	76318	47.683	ug/l	83
13) Acrolein	2.239	56	111324	244.546	ug/l	94
14) Allyl chloride	2.654	41	124624	49.096	ug/l	89
15) Acrylonitrile	3.069	53	263913	248.798	ug/l	96
16) Acetone	2.392	43	249287	265.310	ug/l #	87
17) Carbon Disulfide	2.502	76	140404	43.023	ug/l	100
18) Methyl Acetate	2.709	43	137648	53.702	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	268773	50.830	ug/l	100
20) Methylene Chloride	2.782	84	90494	43.984	ug/l #	88
21) trans-1,2-Dichloroethene	3.081	96	76622	47.169	ug/l	89
22) Diisopropyl ether	3.764	45	273213	50.920	ug/l #	83
23) Vinyl Acetate	3.721	43	1165227	254.295	ug/l	95
24) 1,1-Dichloroethane	3.605	63	150068	49.945	ug/l	96
25) 2-Butanone	4.562	43	377134	257.993	ug/l	95
26) 2,2-Dichloropropane	4.465	77	122575	56.334	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	101872	50.072	ug/l	86
28) Bromochloromethane	4.891	49	55579	43.186	ug/l #	73
29) Tetrahydrofuran	5.007	42	228437	241.968	ug/l	94
30) Chloroform	5.093	83	156717	50.064	ug/l	96
31) Cyclohexane	5.464	56	117995	47.151	ug/l	92
32) 1,1,1-Trichloroethane	5.373	97	134699	51.497	ug/l	96
36) 1,1-Dichloropropene	5.684	75	99523	50.608	ug/l	95
37) Ethyl Acetate	4.715	43	131633	51.385	ug/l	97
38) Carbon Tetrachloride	5.672	117	115032	52.941	ug/l	99
39) Methylcyclohexane	7.373	83	128876	51.819	ug/l	91
40) Benzene	6.031	78	334441	50.425	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062424\
 Data File : VX041995.D
 Acq On : 24 Jun 2024 11:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/25/2024
 Supervised By : Mahesh Dadoda 06/25/2024

Quant Time: Jun 25 06:12:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	74406	53.581	ug/l	93
42) 1,2-Dichloroethane	6.080	62	109115	51.074	ug/l	92
43) Isopropyl Acetate	6.342	43	204506	52.009	ug/l	94
44) Trichloroethene	7.123	130	90193	50.732	ug/l	87
45) 1,2-Dichloropropane	7.428	63	85692	52.545	ug/l	99
46) Dibromomethane	7.580	93	61085	51.407	ug/l #	77
47) Bromodichloromethane	7.818	83	117296	53.766	ug/l	97
48) Methyl methacrylate	7.696	41	100878	53.756	ug/l	85
49) 1,4-Dioxane	7.665	88	44333m	894.964	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	708401	261.537	ug/l	94
52) Toluene	8.714	92	219250	51.912	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	119512	51.715	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	134209	56.190	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	93055	52.889	ug/l	98
56) Ethyl methacrylate	9.116	69	150077	54.829	ug/l #	88
57) 1,3-Dichloropropane	9.305	76	148079	52.093	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	328182	257.287	ug/l	94
59) 2-Hexanone	9.433	43	558525	269.226	ug/l	92
60) Dibromochloromethane	9.519	129	105514	55.209	ug/l	99
61) 1,2-Dibromoethane	9.610	107	96251	52.750	ug/l	100
64) Tetrachloroethene	9.269	164	87718	49.948	ug/l	91
65) Chlorobenzene	10.079	112	257786	51.389	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	93856	53.439	ug/l	99
67) Ethyl Benzene	10.195	91	413962	52.657	ug/l	96
68) m/p-Xylenes	10.299	106	335947	105.860	ug/l	91
69) o-Xylene	10.640	106	165732	52.749	ug/l	92
70) Styrene	10.653	104	289126	54.877	ug/l	94
71) Bromoform	10.799	173	86845	51.172	ug/l #	99
73) Isopropylbenzene	10.963	105	430719	52.781	ug/l	96
74) N-amyl acetate	10.842	43	185880	51.279	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	152493	50.256	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	122813m	50.406	ug/l	
77) Bromobenzene	11.195	156	124224	51.112	ug/l	79
78) n-propylbenzene	11.305	91	478538	54.045	ug/l	95
79) 2-Chlorotoluene	11.366	91	295511	51.800	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	361133	53.130	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	46456	54.148	ug/l	87
82) 4-Chlorotoluene	11.451	91	336610	53.376	ug/l	93
83) tert-Butylbenzene	11.713	119	394606	52.909	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	369459	54.178	ug/l	93
85) sec-Butylbenzene	11.890	105	464617	55.076	ug/l	96
86) p-Isopropyltoluene	12.006	119	408252	55.401	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	225175	52.710	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	226511	51.678	ug/l	95
89) n-Butylbenzene	12.329	91	329131	58.022	ug/l	97
90) Hexachloroethane	12.536	117	68419	54.535	ug/l	60
91) 1,2-Dichlorobenzene	12.335	146	231948	53.061	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	32518	54.078	ug/l #	49
93) 1,2,4-Trichlorobenzene	13.585	180	163518	57.102	ug/l	95
94) Hexachlorobutadiene	13.725	225	79150	54.660	ug/l	100
95) Naphthalene	13.774	128	495822	51.505	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	167193	55.359	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062424\
Data File : VX041995.D
Acq On : 24 Jun 2024 11:19
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024

Quant Time: Jun 25 06:12:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration

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

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

