

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060424\
 Data File : VX041722.D
 Acq On : 04 Jun 2024 09:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024

Quant Time: Jun 05 04:51:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	179630	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	258798	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104638	47.496	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.000%		
35) Dibromofluoromethane	5.385	113	82977	46.374	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.740%		
50) Toluene-d8	8.647	98	291820	46.676	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.360%		
62) 4-Bromofluorobenzene	11.079	95	114068	49.433	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.860%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	79517	50.379	ug/l	97
3) Chloromethane	1.300	50	78761	45.735	ug/l	97
4) Vinyl Chloride	1.374	62	84565	47.701	ug/l	99
5) Bromomethane	1.593	94	60404	48.923	ug/l	99
6) Chloroethane	1.660	64	47485	44.315	ug/l	98
7) Trichlorofluoromethane	1.867	101	137182	47.385	ug/l	97
8) Diethyl Ether	2.136	74	57652	51.671	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.312	101	84010	51.213	ug/l	88
10) Methyl Iodide	2.440	142	101999	49.863	ug/l	91
11) Tert butyl alcohol	3.001	59	109886	281.955	ug/l	# 90
12) 1,1-Dichloroethene	2.306	96	78936	49.297	ug/l	88
13) Acrolein	2.239	56	114585	315.772	ug/l	97
14) Allyl chloride	2.654	41	140982	53.519	ug/l	99
15) Acrylonitrile	3.068	53	270705	283.230	ug/l	99
16) Acetone	2.392	43	278532	294.877	ug/l	98
17) Carbon Disulfide	2.501	76	173618	49.014	ug/l	99
18) Methyl Acetate	2.709	43	121673	57.840	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	295894	55.232	ug/l	99
20) Methylene Chloride	2.782	84	93575	47.462	ug/l	94
21) trans-1,2-Dichloroethene	3.081	96	83140	50.044	ug/l	93
22) Diisopropyl ether	3.763	45	285718	53.073	ug/l	90
23) Vinyl Acetate	3.721	43	1389164	287.228	ug/l	96
24) 1,1-Dichloroethane	3.605	63	153878	50.549	ug/l	96
25) 2-Butanone	4.562	43	401757	293.414	ug/l	98
26) 2,2-Dichloropropane	4.464	77	129426	51.821	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	103196	51.964	ug/l	92
28) Bromochloromethane	4.897	49	58012	44.246	ug/l	# 81
29) Tetrahydrofuran	5.007	42	248303	287.547	ug/l	96
30) Chloroform	5.092	83	165852	51.892	ug/l	98
31) Cyclohexane	5.458	56	130799	50.287	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	145665	52.008	ug/l	99
36) 1,1-Dichloropropene	5.684	75	108323	49.997	ug/l	97
37) Ethyl Acetate	4.714	43	150879	55.181	ug/l	99
38) Carbon Tetrachloride	5.665	117	127190	51.671	ug/l	97
39) Methylcyclohexane	7.372	83	140702	52.860	ug/l	94
40) Benzene	6.031	78	346536	51.171	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060424\
 Data File : VX041722.D
 Acq On : 04 Jun 2024 09:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/05/2024
 Supervised By : Mahesh Dadoda 06/05/2024

Quant Time: Jun 05 04:51:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	81982	61.307	ug/l	97
42) 1,2-Dichloroethane	6.080	62	135428	53.569	ug/l	96
43) Isopropyl Acetate	6.342	43	232314	56.275	ug/l	98
44) Trichloroethene	7.123	130	93809	50.933	ug/l	89
45) 1,2-Dichloropropane	7.427	63	86165	53.513	ug/l	100
46) Dibromomethane	7.580	93	67645	54.774	ug/l #	81
47) Bromodichloromethane	7.818	83	126021	55.110	ug/l	99
48) Methyl methacrylate	7.696	41	116316	58.672	ug/l	96
49) 1,4-Dioxane	7.665	88	53688	1239.445	ug/l #	84
51) 4-Methyl-2-Pentanone	8.573	43	788458	294.536	ug/l	99
52) Toluene	8.714	92	226566	52.717	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	131239	58.305	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	139896	56.182	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	95592	55.177	ug/l	98
56) Ethyl methacrylate	9.116	69	157997	59.749	ug/l	99
57) 1,3-Dichloropropane	9.305	76	155037	53.902	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	414248	332.746	ug/l	94
59) 2-Hexanone	9.433	43	626899	307.166	ug/l	98
60) Dibromochloromethane	9.518	129	112051	58.303	ug/l	99
61) 1,2-Dibromoethane	9.610	107	101290	55.395	ug/l	100
64) Tetrachloroethene	9.268	164	92921	51.489	ug/l	91
65) Chlorobenzene	10.079	112	262293	50.757	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	96192	53.644	ug/l	98
67) Ethyl Benzene	10.195	91	433687	52.661	ug/l	97
68) m/p-Xylenes	10.299	106	351445	107.271	ug/l	92
69) o-Xylene	10.640	106	172900	53.049	ug/l	94
70) Styrene	10.652	104	297788	55.318	ug/l	96
71) Bromoform	10.799	173	90732	58.101	ug/l #	99
73) Isopropylbenzene	10.963	105	443219	52.454	ug/l	96
74) N-amyl acetate	10.841	43	217997	58.241	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	158677	52.915	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	130589m	54.945	ug/l	
77) Bromobenzene	11.195	156	129064	51.747	ug/l	80
78) n-propylbenzene	11.305	91	498791	53.758	ug/l	96
79) 2-Chlorotoluene	11.366	91	304472	51.055	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	376492	53.366	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	50911	58.382	ug/l	94
82) 4-Chlorotoluene	11.451	91	357295	52.663	ug/l	92
83) tert-Butylbenzene	11.713	119	398608	52.452	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	383355	53.632	ug/l	93
85) sec-Butylbenzene	11.890	105	475901	54.623	ug/l	96
86) p-Isopropyltoluene	12.006	119	425672	55.708	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	230023	51.640	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	234151	50.995	ug/l	96
89) n-Butylbenzene	12.329	91	343361	56.763	ug/l	98
90) Hexachloroethane	12.536	117	70685	54.389	ug/l	64
91) 1,2-Dichlorobenzene	12.335	146	240401	52.985	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	36610	60.433	ug/l	64
93) 1,2,4-Trichlorobenzene	13.585	180	167679	56.075	ug/l	94
94) Hexachlorobutadiene	13.725	225	79970	53.980	ug/l	99
95) Naphthalene	13.774	128	518803	58.794	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	170975	55.557	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060424\
Data File : VX041722.D
Acq On : 04 Jun 2024 09:58
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

Quant Time: Jun 05 04:51:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration

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

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

