

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042923\
 Data File : VX035415.D
 Acq On : 29 Apr 2023 11:44
 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 05/01/2023
 Supervised By : Mahesh Dadoda 05/01/2023

Quant Time: May 01 04:27:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	285341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	436930	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	380748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	189139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	142489	41.391	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	82.780%		
35) Dibromofluoromethane	5.379	113	121992	45.490	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.980%		
50) Toluene-d8	8.647	98	439744	43.468	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	86.940%#		
62) 4-Bromofluorobenzene	11.079	95	165087	43.380	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	140505	46.536	ug/l	100
3) Chloromethane	1.295	50	112181	40.843	ug/l	99
4) Vinyl Chloride	1.374	62	120087	43.592	ug/l	97
5) Bromomethane	1.618	94	78394	42.816	ug/l	97
6) Chloroethane	1.691	64	70612	43.827	ug/l	100
7) Trichlorofluoromethane	1.892	101	198925	46.177	ug/l	98
8) Diethyl Ether	2.130	74	68549	43.642	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	134620	46.787	ug/l	95
10) Methyl Iodide	2.453	142	158933	43.767	ug/l	99
11) Tert butyl alcohol	3.026	59	120715m	192.588	ug/l	
12) 1,1-Dichloroethene	2.319	96	127009	45.829	ug/l	96
13) Acrolein	2.239	56	149538	242.591	ug/l	100
14) Allyl chloride	2.666	41	214302	43.941	ug/l	97
15) Acrylonitrile	3.069	53	315838	201.465	ug/l	100
16) Acetone	2.398	43	324395	216.969	ug/l	95
17) Carbon Disulfide	2.514	76	297022	44.708	ug/l	99
18) Methyl Acetate	2.709	43	238979	41.334	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	439971	46.275	ug/l	99
20) Methylene Chloride	2.788	84	143193	41.769	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	134971	44.842	ug/l	96
22) Diisopropyl ether	3.757	45	433340	44.900	ug/l	89
23) Vinyl Acetate	3.721	43	1505755	226.979	ug/l	97
24) 1,1-Dichloroethane	3.611	63	250132	46.012	ug/l	99
25) 2-Butanone	4.562	43	434264	198.995	ug/l	94
26) 2,2-Dichloropropane	4.471	77	208667	48.995	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	163279	46.150	ug/l	93
28) Bromochloromethane	4.891	49	109747	47.373	ug/l	84
29) Tetrahydrofuran	5.007	42	268233	191.739	ug/l	95
30) Chloroform	5.087	83	257883	46.991	ug/l	99
31) Cyclohexane	5.465	56	217988	44.640	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	231081	48.047	ug/l	96
36) 1,1-Dichloropropene	5.690	75	191941	45.838	ug/l	98
37) Ethyl Acetate	4.709	43	165290	43.218	ug/l	96
38) Carbon Tetrachloride	5.672	117	201468	50.682	ug/l	99
39) Methylcyclohexane	7.379	83	238984	46.886	ug/l	99
40) Benzene	6.031	78	554136	46.131	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042923\
 Data File : VX035415.D
 Acq On : 29 Apr 2023 11:44
 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 05/01/2023
 Supervised By : Mahesh Dadoda 05/01/2023

Quant Time: May 01 04:27:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	98659	45.020	ug/l	98
42) 1,2-Dichloroethane	6.080	62	197359	46.080	ug/l	97
43) Isopropyl Acetate	6.336	43	286088	44.518	ug/l	95
44) Trichloroethene	7.123	130	157269	47.526	ug/l	99
45) 1,2-Dichloropropane	7.428	63	144062	47.570	ug/l	98
46) Dibromomethane	7.580	93	97668	46.963	ug/l	92
47) Bromodichloromethane	7.818	83	191721	50.036	ug/l	97
48) Methyl methacrylate	7.690	41	144712	45.907	ug/l	92
49) 1,4-Dioxane	7.720	88	61123	795.472	ug/l #	79
51) 4-Methyl-2-Pentanone	8.568	43	826164	209.254	ug/l	95
52) Toluene	8.714	92	353780	46.463	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	210549	52.617	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	233693	51.668	ug/l	93
55) 1,1,2-Trichloroethane	9.147	97	140978	46.445	ug/l	97
56) Ethyl methacrylate	9.116	69	213528	47.223	ug/l	89
57) 1,3-Dichloropropane	9.305	76	237340	45.714	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	544827	240.974	ug/l	94
59) 2-Hexanone	9.427	43	622345	209.824	ug/l	93
60) Dibromochloromethane	9.519	129	150368	51.704	ug/l	99
61) 1,2-Dibromoethane	9.610	107	147192	47.039	ug/l	100
64) Tetrachloroethene	9.269	164	138471	47.498	ug/l	98
65) Chlorobenzene	10.080	112	385924	46.849	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	143428	50.029	ug/l	97
67) Ethyl Benzene	10.189	91	678785	47.582	ug/l	98
68) m/p-Xylenes	10.299	106	521595	95.420	ug/l	99
69) o-Xylene	10.640	106	256988	47.943	ug/l	98
70) Styrene	10.653	104	424393	48.831	ug/l	98
71) Bromoform	10.799	173	105167	52.739	ug/l #	99
73) Isopropylbenzene	10.964	105	678210	49.054	ug/l	100
74) N-amyl acetate	10.842	43	245435	47.237	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	193705	45.139	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	163944m	43.453	ug/l	
77) Bromobenzene	11.195	156	166136	48.341	ug/l	91
78) n-propylbenzene	11.305	91	766281	48.258	ug/l	99
79) 2-Chlorotoluene	11.360	91	462970	46.659	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	565763	48.531	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	56448	48.457	ug/l	97
82) 4-Chlorotoluene	11.451	91	535057	48.011	ug/l	98
83) tert-Butylbenzene	11.713	119	563789	48.199	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	570832	48.733	ug/l	100
85) sec-Butylbenzene	11.890	105	680715	47.444	ug/l	99
86) p-Isopropyltoluene	12.006	119	592882	48.586	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	314061	48.085	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	311355	45.467	ug/l	99
89) n-Butylbenzene	12.329	91	492604	47.820	ug/l	99
90) Hexachloroethane	12.536	117	96387	51.599	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	303122	46.403	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	40822	47.440	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	201307	49.026	ug/l	99
94) Hexachlorobutadiene	13.725	225	82957	46.034	ug/l	99
95) Naphthalene	13.774	128	625904	49.515	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	194441	47.041	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042923\
Data File : VX035415.D
Acq On : 29 Apr 2023 11:44
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 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: May 01 04:27:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration

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

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

