

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027607.D
 Acq On : 22 Mar 2022 10:49
 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 03/24/2022
 Supervised By : Mahesh Dadoda 03/24/2022

Quant Time: Mar 23 01:44:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	311432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	472626	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	449779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	231319	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	162413	42.333	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.660%		
35) Dibromofluoromethane	5.391	113	153718	50.552	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.100%		
50) Toluene-d8	8.647	98	569297	49.475	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.960%		
62) 4-Bromofluorobenzene	11.079	95	212028	50.133	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	136850	45.779	ug/l	100
3) Chloromethane	1.294	50	135346	51.004	ug/l	100
4) Vinyl Chloride	1.374	62	149766	48.846	ug/l	97
5) Bromomethane	1.599	94	100088	65.511	ug/l	99
6) Chloroethane	1.679	64	92560	49.195	ug/l	99
7) Trichlorofluoromethane	1.880	101	215747	42.626	ug/l	100
8) Diethyl Ether	2.136	74	91158	48.351	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	143545	47.626	ug/l	95
10) Methyl Iodide	2.453	142	201277	50.449	ug/l	99
11) Tert butyl alcohol	2.965	59	168256	230.119	ug/l	99
12) 1,1-Dichloroethene	2.319	96	136716	47.276	ug/l	93
13) Acrolein	2.233	56	160905	283.588	ug/l	98
14) Allyl chloride	2.660	41	219692	48.548	ug/l	96
15) Acrylonitrile	3.062	53	445902	268.247	ug/l	100
16) Acetone	2.380	43	354520	226.705	ug/l	98
17) Carbon Disulfide	2.508	76	337838	45.912	ug/l	98
18) Methyl Acetate	2.703	43	190362	50.792	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	497513	50.991	ug/l	100
20) Methylene Chloride	2.788	84	165186	49.130	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	153508	49.763	ug/l	95
22) Diisopropyl ether	3.764	45	461953	52.273	ug/l	96
23) Vinyl Acetate	3.721	43	2017769	262.549	ug/l	97
24) 1,1-Dichloroethane	3.611	63	270760	50.375	ug/l	98
25) 2-Butanone	4.556	43	589227	250.440	ug/l	100
26) 2,2-Dichloropropane	4.477	77	201800	45.977	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	186679	52.183	ug/l	94
28) Bromochloromethane	4.897	49	104804	48.337	ug/l	90
29) Tetrahydrofuran	5.007	42	381110	252.505	ug/l	95
30) Chloroform	5.093	83	289631	48.850	ug/l	98
31) Cyclohexane	5.471	56	220455	46.275	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	239974	44.454	ug/l	98
36) 1,1-Dichloropropene	5.690	75	202887	48.825	ug/l	97
37) Ethyl Acetate	4.715	43	227102	54.847	ug/l	100
38) Carbon Tetrachloride	5.678	117	215669	45.366	ug/l	96
39) Methylcyclohexane	7.379	83	257377	49.254	ug/l	99
40) Benzene	6.037	78	620517	52.050	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027607.D
 Acq On : 22 Mar 2022 10:49
 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 03/24/2022
 Supervised By : Mahesh Dadoda 03/24/2022

Quant Time: Mar 23 01:44:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	127140	56.301	ug/l	94
42) 1,2-Dichloroethane	6.086	62	212756	47.618	ug/l	99
43) Isopropyl Acetate	6.342	43	332527	49.899	ug/l	100
44) Trichloroethene	7.123	130	184350	50.940	ug/l	98
45) 1,2-Dichloropropane	7.434	63	162013	53.354	ug/l	98
46) Dibromomethane	7.580	93	113988	49.141	ug/l	93
47) Bromodichloromethane	7.824	83	219828	50.331	ug/l #	98
48) Methyl methacrylate	7.696	41	156865	47.564	ug/l	96
49) 1,4-Dioxane	7.659	88	80674	952.396	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	1148388	269.956	ug/l	96
52) Toluene	8.720	92	420993	52.697	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	243642	54.351	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	267480	54.825	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	181508	55.801	ug/l	98
56) Ethyl methacrylate	9.116	69	265661	54.587	ug/l	94
57) 1,3-Dichloropropane	9.311	76	289881	54.894	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	723583	293.909	ug/l	98
59) 2-Hexanone	9.433	43	870993	265.841	ug/l	94
60) Dibromochloromethane	9.525	129	195804	54.683	ug/l	96
61) 1,2-Dibromoethane	9.610	107	193443	54.108	ug/l	98
64) Tetrachloroethene	9.275	164	177298	50.698	ug/l	98
65) Chlorobenzene	10.079	112	471277	50.936	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	175443	50.823	ug/l	99
67) Ethyl Benzene	10.195	91	798885	50.444	ug/l	96
68) m/p-Xylenes	10.305	106	636329	102.046	ug/l	98
69) o-Xylene	10.640	106	314337	51.918	ug/l	98
70) Styrene	10.659	104	528162	53.401	ug/l	100
71) Bromoform	10.799	173	143482	52.027	ug/l #	99
73) Isopropylbenzene	10.963	105	800493	47.511	ug/l	100
74) N-amyl acetate	10.842	43	289783	48.505	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	268593	50.326	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	245234m	50.685	ug/l	
77) Bromobenzene	11.201	156	213739	50.328	ug/l	90
78) n-propylbenzene	11.305	91	901793	48.757	ug/l	97
79) 2-Chlorotoluene	11.366	91	553493	47.706	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	688742	48.569	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	79060	49.625	ug/l	94
82) 4-Chlorotoluene	11.457	91	634564	48.036	ug/l	97
83) tert-Butylbenzene	11.719	119	675315	48.072	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	696182	49.227	ug/l	100
85) sec-Butylbenzene	11.890	105	827248	48.730	ug/l	99
86) p-Isopropyltoluene	12.012	119	722119	49.524	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	393501	50.009	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	399989	50.238	ug/l	99
89) n-Butylbenzene	12.335	91	603525	49.597	ug/l	97
90) Hexachloroethane	12.542	117	110182	47.383	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	393618	51.232	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	58791	48.029	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	256278	52.042	ug/l	99
94) Hexachlorobutadiene	13.725	225	106497	48.957	ug/l	94
95) Naphthalene	13.780	128	862951	53.830	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	256689	51.529	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
Data File : VX027607.D
Acq On : 22 Mar 2022 10:49
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 03/24/2022
Supervised By : Mahesh Dadoda 03/24/2022

Quant Time: Mar 23 01:44:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration

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

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

