

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
 Data File : VX027545.D
 Acq On : 18 Mar 2022 22:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 19 03:11:16 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/19/2022
 Supervised By : Mahesh Dadoda 03/21/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	307402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	486159	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	457926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	228079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	195752	51.692	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.380%			
35) Dibromofluoromethane	5.391	113	169936	54.330	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.660%			
50) Toluene-d8	8.653	98	625763	52.869	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.740%			
62) 4-Bromofluorobenzene	11.085	95	237003	54.478	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	158231	53.626	ug/l	99
3) Chloromethane	1.295	50	131733	50.293	ug/l	98
4) Vinyl Chloride	1.374	62	159084	52.565	ug/l	99
5) Bromomethane	1.593	94	61669	38.583	ug/l	99
6) Chloroethane	1.679	64	100579	54.157	ug/l	98
7) Trichlorofluoromethane	1.880	101	250082	50.057	ug/l	98
8) Diethyl Ether	2.136	74	94746	50.913	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	155465	52.257	ug/l	95
10) Methyl Iodide	2.447	142	149409	37.939	ug/l	98
11) Tert butyl alcohol	2.971	59	178324	247.086	ug/l	99
12) 1,1-Dichloroethene	2.319	96	155246	54.388	ug/l	92
13) Acrolein	2.239	56	98534	175.939	ug/l	97
14) Allyl chloride	2.660	41	228791	51.221	ug/l	96
15) Acrylonitrile	3.069	53	465595	283.766	ug/l	100
16) Acetone	2.386	43	381077	246.882	ug/l	96
17) Carbon Disulfide	2.508	76	386973	53.279	ug/l	99
18) Methyl Acetate	2.703	43	196678	53.165	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	501599	52.083	ug/l	98
20) Methylene Chloride	2.788	84	174295	52.519	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	166590	54.712	ug/l	96
22) Diisopropyl ether	3.764	45	469678	53.844	ug/l #	89
23) Vinyl Acetate	3.727	43	2043024	269.320	ug/l	97
24) 1,1-Dichloroethane	3.611	63	284418	53.609	ug/l	99
25) 2-Butanone	4.562	43	620415	267.153	ug/l	97
26) 2,2-Dichloropropane	4.477	77	181360	41.862	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	191845	54.330	ug/l	94
28) Bromochloromethane	4.904	49	120649	56.375	ug/l	93
29) Tetrahydrofuran	5.013	42	410268	275.388	ug/l	94
30) Chloroform	5.099	83	308703	52.749	ug/l	99
31) Cyclohexane	5.471	56	248952	52.942	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	271973	51.043	ug/l	99
36) 1,1-Dichloropropene	5.696	75	220618	51.614	ug/l	97
37) Ethyl Acetate	4.721	43	233169	54.744	ug/l	100
38) Carbon Tetrachloride	5.678	117	248157	50.747	ug/l	97
39) Methylcyclohexane	7.385	83	270799	50.380	ug/l	97
40) Benzene	6.044	78	666577	54.357	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
 Data File : VX027545.D
 Acq On : 18 Mar 2022 22:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 19 03:11:16 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

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/19/2022
 Supervised By :Mahesh Dadoda 03/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	128027	55.116	ug/l	96
42) 1,2-Dichloroethane	6.092	62	238179	51.824	ug/l	98
43) Isopropyl Acetate	6.348	43	356027	51.938	ug/l	97
44) Trichloroethene	7.129	130	188262	50.572	ug/l	100
45) 1,2-Dichloropropane	7.434	63	166253	53.227	ug/l	99
46) Dibromomethane	7.586	93	124508	52.182	ug/l	99
47) Bromodichloromethane	7.824	83	237489	52.861	ug/l	100
48) Methyl methacrylate	7.696	41	181307	53.445	ug/l	92
49) 1,4-Dioxane	7.665	88	92733	1064.284	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	1234744	282.176	ug/l	95
52) Toluene	8.720	92	443382	53.955	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	243466	52.800	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	266136	53.031	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	185495	55.439	ug/l	99
56) Ethyl methacrylate	9.116	69	273712	54.675	ug/l	91
57) 1,3-Dichloropropane	9.311	76	296987	54.674	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	650431	256.686	ug/l	98
59) 2-Hexanone	9.433	43	944393	280.221	ug/l	93
60) Dibromochloromethane	9.525	129	199225	54.090	ug/l	98
61) 1,2-Dibromoethane	9.610	107	196484	53.429	ug/l	98
64) Tetrachloroethene	9.275	164	178267	50.069	ug/l	99
65) Chlorobenzene	10.080	112	490855	52.108	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	184699	52.552	ug/l	98
67) Ethyl Benzene	10.195	91	848074	52.598	ug/l	96
68) m/p-Xylenes	10.305	106	678292	106.841	ug/l	99
69) o-Xylene	10.647	106	326701	53.000	ug/l	100
70) Styrene	10.659	104	549139	54.534	ug/l	99
71) Bromoform	10.799	173	146755	52.267	ug/l #	98
73) Isopropylbenzene	10.964	105	856652	51.566	ug/l	100
74) N-amyl acetate	10.848	43	307907	52.271	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	276989	52.636	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	250659m	52.542	ug/l	
77) Bromobenzene	11.201	156	215584	51.484	ug/l	94
78) n-propylbenzene	11.305	91	957158	52.486	ug/l	98
79) 2-Chlorotoluene	11.366	91	583029	50.965	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	708666	50.684	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	74058	47.146	ug/l	91
82) 4-Chlorotoluene	11.457	91	645924	49.591	ug/l	98
83) tert-Butylbenzene	11.719	119	720542	52.020	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	729388	52.308	ug/l	100
85) sec-Butylbenzene	11.890	105	875286	52.292	ug/l	99
86) p-Isopropyltoluene	12.012	119	750515	52.202	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	401231	51.716	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	398421	50.752	ug/l	99
89) n-Butylbenzene	12.335	91	612690	51.066	ug/l	97
90) Hexachloroethane	12.543	117	116707	50.902	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	394765	52.111	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	62532	51.811	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	244308	50.316	ug/l	99
94) Hexachlorobutadiene	13.725	225	105530	49.201	ug/l	94
95) Naphthalene	13.780	128	841009	53.207	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	245751	50.034	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
Data File : VX027545.D
Acq On : 18 Mar 2022 22:24
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By : John Carlone 03/19/2022
Supervised By : Mahesh Dadoda 03/21/2022

Quant Time: Mar 19 03:11:16 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

