

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080322\
 Data File : VX030382.D
 Acq On : 03 Aug 2022 19:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/04/2022
 Supervised By : Mahesh Dadoda 08/04/2022

Quant Time: Aug 04 04:47:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	97164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	175212	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	121596	62.263	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 124.520%	
35) Dibromofluoromethane	5.397	113	87837	52.442	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.880%	
50) Toluene-d8	8.653	98	309154	47.662	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.320%	
62) 4-Bromofluorobenzene	11.085	95	125805	52.260	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.520%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	85215	53.448	ug/l	98
3) Chloromethane	1.288	50	68116	43.203	ug/l	99
4) Vinyl Chloride	1.374	62	79017	49.655	ug/l	98
5) Bromomethane	1.599	94	31922	58.132	ug/l	96
6) Chloroethane	1.666	64	48649	53.244	ug/l	98
7) Trichlorofluoromethane	1.874	101	127988	61.047	ug/l	96
8) Diethyl Ether	2.136	74	48310	58.844	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	81235	52.313	ug/l	97
10) Methyl Iodide	2.447	142	65252	43.327	ug/l #	89
11) Tert butyl alcohol	2.995	59	167148	350.873	ug/l	99
12) 1,1-Dichloroethene	2.312	96	74599	49.148	ug/l	86
13) Acrolein	2.239	56	21680	185.161	ug/l	98
14) Allyl chloride	2.660	41	162835	51.988	ug/l	92
15) Acrylonitrile	3.068	53	318239	270.329	ug/l	97
16) Acetone	2.392	43	300282	300.327	ug/l	91
17) Carbon Disulfide	2.501	76	156114	38.102	ug/l	97
18) Methyl Acetate	2.709	43	173306	58.601	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	316375	60.850	ug/l	97
20) Methylene Chloride	2.788	84	90288	52.827	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	81658	48.741	ug/l	93
22) Diisopropyl ether	3.770	45	338634	57.142	ug/l	89
23) Vinyl Acetate	3.727	43	1498149	291.431	ug/l	98
24) 1,1-Dichloroethane	3.611	63	169997	53.984	ug/l	97
25) 2-Butanone	4.568	43	480956	286.252	ug/l	97
26) 2,2-Dichloropropane	4.483	77	122483	53.790	ug/l	94
27) cis-1,2-Dichloroethene	4.495	96	101024	51.278	ug/l	90
28) Bromochloromethane	4.903	49	68312	51.348	ug/l	93
29) Tetrahydrofuran	5.019	42	310152	274.352	ug/l	95
30) Chloroform	5.099	83	182551	58.549	ug/l	99
31) Cyclohexane	5.470	56	136203	48.035	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	155749	61.454	ug/l	99
36) 1,1-Dichloropropene	5.696	75	121664	50.474	ug/l	96
37) Ethyl Acetate	4.721	43	176291	51.646	ug/l	95
38) Carbon Tetrachloride	5.678	117	127159	56.509	ug/l	97
39) Methylcyclohexane	7.385	83	140061	45.017	ug/l	93
40) Benzene	6.043	78	388312	51.202	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080322\
 Data File : VX030382.D
 Acq On : 03 Aug 2022 19:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/04/2022
 Supervised By : Mahesh Dadoda 08/04/2022

Quant Time: Aug 04 04:47:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	100573	54.966	ug/l	94
42) 1,2-Dichloroethane	6.098	62	156871	59.861	ug/l	94
43) Isopropyl Acetate	6.348	43	297723	59.498	ug/l	95
44) Trichloroethene	7.129	130	103242	49.821	ug/l	93
45) 1,2-Dichloropropane	7.440	63	101586	50.222	ug/l	99
46) Dibromomethane	7.586	93	73289	53.279	ug/l	92
47) Bromodichloromethane	7.824	83	140837	56.321	ug/l	99
48) Methyl methacrylate	7.696	41	138690	56.310	ug/l	91
49) 1,4-Dioxane	7.671	88	61343	1078.352	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	943035	277.600	ug/l	96
52) Toluene	8.720	92	231135	49.954	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	149466	55.449	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	156627	53.321	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	101635	51.590	ug/l	98
56) Ethyl methacrylate	9.122	69	171748	55.148	ug/l	91
57) 1,3-Dichloropropane	9.311	76	169779	52.209	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	425247	275.130	ug/l	98
59) 2-Hexanone	9.433	43	752431	280.745	ug/l	94
60) Dibromochloromethane	9.525	129	102645	56.285	ug/l	98
61) 1,2-Dibromoethane	9.616	107	107046	52.038	ug/l	99
64) Tetrachloroethene	9.275	164	100922	54.609	ug/l	94
65) Chlorobenzene	10.079	112	248181	53.223	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	92758	58.516	ug/l	97
67) Ethyl Benzene	10.195	91	463638	51.426	ug/l	95
68) m/p-Xylenes	10.305	106	342973	108.573	ug/l	87
69) o-Xylene	10.646	106	172240	55.322	ug/l	89
70) Styrene	10.659	104	292321	57.148	ug/l	95
71) Bromoform	10.805	173	70772	60.729	ug/l #	99
73) Isopropylbenzene	10.963	105	457063	47.909	ug/l	98
74) N-amyl acetate	10.848	43	250651	54.058	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	165522	47.402	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	160708m	49.889	ug/l	
77) Bromobenzene	11.201	156	102478	45.766	ug/l	92
78) n-propylbenzene	11.305	91	547570	48.089	ug/l	98
79) 2-Chlorotoluene	11.366	91	331734	46.135	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	398501	49.885	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	49064	45.692	ug/l	85
82) 4-Chlorotoluene	11.457	91	399656	50.871	ug/l	95
83) tert-Butylbenzene	11.719	119	390041	52.678	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	432653	54.287	ug/l	95
85) sec-Butylbenzene	11.890	105	538911	53.177	ug/l	98
86) p-Isopropyltoluene	12.012	119	448936	55.370	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	217259	49.889	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	222307	50.148	ug/l	97
89) n-Butylbenzene	12.335	91	424119	56.185	ug/l	99
90) Hexachloroethane	12.542	117	77014	55.168	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	228021	53.346	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	51255	61.200	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	137484	55.464	ug/l	98
94) Hexachlorobutadiene	13.725	225	52460	52.707	ug/l	98
95) Naphthalene	13.780	128	598129	61.775	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	142884	56.206	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080322\
Data File : VX030382.D
Acq On : 03 Aug 2022 19:42
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By : John Carlone 08/04/2022
Supervised By : Mahesh Dadoda 08/04/2022

Quant Time: Aug 04 04:47:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
Response via : Initial Calibration

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

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

