

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071822\
 Data File : VX030098.D
 Acq On : 18 Jul 2022 09:55
 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 07/19/2022
 Supervised By : Mahesh Dadoda 07/19/2022

Quant Time: Jul 19 05:39:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	205485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	354721	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	119603	47.820	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.640%		
35) Dibromofluoromethane	5.385	113	104406	46.073	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.140%		
50) Toluene-d8	8.653	98	393011	46.114	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.220%		
62) 4-Bromofluorobenzene	11.079	95	149148	50.429	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	120377	51.608	ug/l	98
3) Chloromethane	1.288	50	104405	48.759	ug/l	99
4) Vinyl Chloride	1.374	62	115553	48.586	ug/l	98
5) Bromomethane	1.605	94	49661	49.154	ug/l	98
6) Chloroethane	1.679	64	61510	45.926	ug/l	100
7) Trichlorofluoromethane	1.886	101	154528	50.310	ug/l	98
8) Diethyl Ether	2.136	74	60179	47.359	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	109941	52.431	ug/l	100
10) Methyl Iodide	2.453	142	104538	50.741	ug/l	98
11) Tert butyl alcohol	2.995	59	141272	218.852	ug/l	97
12) 1,1-Dichloroethene	2.313	96	106721	50.975	ug/l	98
13) Acrolein	2.239	56	29673	230.805	ug/l	99
14) Allyl chloride	2.660	41	198607	54.285	ug/l	98
15) Acrylonitrile	3.069	53	378743	258.165	ug/l	99
16) Acetone	2.386	43	270233	229.294	ug/l	98
17) Carbon Disulfide	2.508	76	286821	48.951	ug/l	100
18) Methyl Acetate	2.703	43	183203	51.098	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	358586	54.186	ug/l	100
20) Methylene Chloride	2.788	84	122510	51.471	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	114882	52.645	ug/l	98
22) Diisopropyl ether	3.764	45	401889	56.119	ug/l	89
23) Vinyl Acetate	3.721	43	1752406	289.055	ug/l	99
24) 1,1-Dichloroethane	3.611	63	209418	52.772	ug/l	98
25) 2-Butanone	4.562	43	514973	256.514	ug/l	99
26) 2,2-Dichloropropane	4.477	77	159516	57.223	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	137733	51.541	ug/l	99
28) Bromochloromethane	4.898	49	87448	52.380	ug/l	100
29) Tetrahydrofuran	5.007	42	356218	261.456	ug/l	99
30) Chloroform	5.093	83	213343	53.946	ug/l	97
31) Cyclohexane	5.471	56	194450	53.630	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	177587	54.942	ug/l	99
36) 1,1-Dichloropropene	5.696	75	158612	54.188	ug/l	99
37) Ethyl Acetate	4.715	43	202196	53.758	ug/l	99
38) Carbon Tetrachloride	5.678	117	154466	56.589	ug/l	99
39) Methylcyclohexane	7.379	83	205179	55.295	ug/l	98
40) Benzene	6.038	78	491258	53.323	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071822\
 Data File : VX030098.D
 Acq On : 18 Jul 2022 09:55
 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 07/19/2022
 Supervised By : Mahesh Dadoda 07/19/2022

Quant Time: Jul 19 05:39:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	112003	55.305	ug/l	98
42) 1,2-Dichloroethane	6.086	62	162485	56.908	ug/l	98
43) Isopropyl Acetate	6.342	43	310756	54.945	ug/l	100
44) Trichloroethene	7.123	130	135104	50.185	ug/l	91
45) 1,2-Dichloropropane	7.434	63	127885	53.404	ug/l	98
46) Dibromomethane	7.580	93	85953	52.150	ug/l	99
47) Bromodichloromethane	7.824	83	168084	56.203	ug/l	96
48) Methyl methacrylate	7.696	41	152552	58.457	ug/l	97
49) 1,4-Dioxane	7.684	88	67265	992.104	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	1031465	275.599	ug/l	99
52) Toluene	8.720	92	306635	52.414	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	181013	58.269	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	198476	55.771	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	125299	51.937	ug/l	95
56) Ethyl methacrylate	9.116	69	202692	55.881	ug/l	96
57) 1,3-Dichloropropane	9.311	76	205831	53.708	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	540277	274.309	ug/l	99
59) 2-Hexanone	9.433	43	814589	283.822	ug/l	98
60) Dibromochloromethane	9.525	129	129207	54.973	ug/l	100
61) 1,2-Dibromoethane	9.610	107	133707	53.251	ug/l	98
64) Tetrachloroethene	9.275	164	132677	52.090	ug/l	97
65) Chlorobenzene	10.080	112	321585	50.897	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	115199	53.481	ug/l	98
67) Ethyl Benzene	10.195	91	588275	54.935	ug/l	99
68) m/p-Xylenes	10.305	106	452938	107.841	ug/l	97
69) o-Xylene	10.640	106	223922	53.246	ug/l	98
70) Styrene	10.659	104	380878	54.567	ug/l	99
71) Bromoform	10.799	173	92602	53.509	ug/l	99
73) Isopropylbenzene	10.964	105	581856	52.418	ug/l	99
74) N-amyl acetate	10.842	43	260370	53.405	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	193271	48.260	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	194250m	52.995	ug/l	
77) Bromobenzene	11.201	156	132847	47.833	ug/l	96
78) n-propylbenzene	11.305	91	715056	54.299	ug/l	99
79) 2-Chlorotoluene	11.366	91	409528	51.919	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	492856	52.693	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	68592	54.006	ug/l	97
82) 4-Chlorotoluene	11.457	91	474131	53.650	ug/l	99
83) tert-Butylbenzene	11.713	119	457562	51.011	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	495050	53.509	ug/l	98
85) sec-Butylbenzene	11.890	105	646066	54.482	ug/l	99
86) p-Isopropyltoluene	12.012	119	516790	54.323	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	261215	50.903	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	261212	49.602	ug/l	99
89) n-Butylbenzene	12.335	91	500387	58.705	ug/l	99
90) Hexachloroethane	12.536	117	90336	55.547	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	255980	49.100	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	46200	50.523	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	157876	49.302	ug/l	99
94) Hexachlorobutadiene	13.725	225	63758	49.870	ug/l	98
95) Naphthalene	13.774	128	610929	48.064	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	158695	48.706	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071822\
Data File : VX030098.D
Acq On : 18 Jul 2022 09:55
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 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022

Quant Time: Jul 19 05:39:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 13 09:05:23 2022
Response via : Initial Calibration

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

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

