

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
 Data File : VX026314.D
 Acq On : 05 Jan 2022 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 01/06/2022
 Supervised By : Mahesh Dadoda 01/07/2022

Quant Time: Jan 06 03:07:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	109638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	177401	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87329	55.058	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.120%			
35) Dibromofluoromethane	5.385	113	64340	55.786	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.580%			
50) Toluene-d8	8.647	98	228845	53.344	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.680%			
62) 4-Bromofluorobenzene	11.079	95	89324	58.489	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	63183	54.871	ug/l	98
3) Chloromethane	1.294	50	58654	43.760	ug/l	99
4) Vinyl Chloride	1.380	62	64215	45.522	ug/l	99
5) Bromomethane	1.605	94	50075	57.521	ug/l	97
6) Chloroethane	1.685	64	40119	40.445	ug/l	99
7) Trichlorofluoromethane	1.892	101	106810	43.956	ug/l	95
8) Diethyl Ether	2.136	74	38164	45.718	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	68540	53.504	ug/l	99
10) Methyl Iodide	2.453	142	72790	43.939	ug/l	98
11) Tert butyl alcohol	2.959	59	76978	242.983	ug/l	99
12) 1,1-Dichloroethene	2.325	96	63321	52.156	ug/l	94
13) Acrolein	2.239	56	34653	305.897	ug/l	98
14) Allyl chloride	2.666	41	123383	51.426	ug/l	98
15) Acrylonitrile	3.062	53	196276	250.235	ug/l	98
16) Acetone	2.380	43	252400	293.695	ug/l	94
17) Carbon Disulfide	2.514	76	175577	50.391	ug/l	99
18) Methyl Acetate	2.703	43	140726	50.484	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	243498	57.421	ug/l	100
20) Methylene Chloride	2.788	84	68636	49.948	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	68743	51.904	ug/l	94
22) Diisopropyl ether	3.763	45	241955	52.837	ug/l	89
23) Vinyl Acetate	3.721	43	980438	269.631	ug/l	97
24) 1,1-Dichloroethane	3.611	63	132259	53.295	ug/l	99
25) 2-Butanone	4.550	43	323841	270.514	ug/l	97
26) 2,2-Dichloropropane	4.477	77	111025	59.378	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	80585	53.482	ug/l	91
28) Bromochloromethane	4.897	49	52505	47.735	ug/l	92
29) Tetrahydrofuran	5.001	42	189706	251.416	ug/l	95
30) Chloroform	5.092	83	136973	52.183	ug/l	97
31) Cyclohexane	5.470	56	120417	53.310	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	126209	55.309	ug/l	99
36) 1,1-Dichloropropene	5.696	75	102549	55.128	ug/l	98
37) Ethyl Acetate	4.708	43	115556	53.574	ug/l	100
38) Carbon Tetrachloride	5.678	117	109933	53.127	ug/l	99
39) Methylcyclohexane	7.379	83	120190	57.278	ug/l	94
40) Benzene	6.037	78	282135	53.142	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
 Data File : VX026314.D
 Acq On : 05 Jan 2022 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 01/06/2022
 Supervised By : Mahesh Dadoda 01/07/2022

Quant Time: Jan 06 03:07:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	65179	53.513	ug/l	94
42) 1,2-Dichloroethane	6.086	62	115911	53.947	ug/l	97
43) Isopropyl Acetate	6.336	43	191726	54.540	ug/l	98
44) Trichloroethene	7.129	130	80837	56.586	ug/l	94
45) 1,2-Dichloropropane	7.434	63	73205	53.908	ug/l	99
46) Dibromomethane	7.580	93	51606	51.234	ug/l	100
47) Bromodichloromethane	7.824	83	104910	51.194	ug/l	97
48) Methyl methacrylate	7.690	41	93263	55.319	ug/l	92
49) 1,4-Dioxane	7.659	88	27830	895.754	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	564771	258.169	ug/l	99
52) Toluene	8.720	92	176655	54.049	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	108423	49.757	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	118036	54.496	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	70350	52.371	ug/l	98
56) Ethyl methacrylate	9.116	69	119366	57.616	ug/l	95
57) 1,3-Dichloropropane	9.311	76	122061	53.048	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	285689	257.642	ug/l	97
59) 2-Hexanone	9.433	43	447905	270.299	ug/l	98
60) Dibromochloromethane	9.525	129	75453	49.584	ug/l	99
61) 1,2-Dibromoethane	9.610	107	74972	52.163	ug/l	99
64) Tetrachloroethene	9.275	164	81060	62.259	ug/l	98
65) Chlorobenzene	10.079	112	182861	53.953	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	70950	54.937	ug/l	99
67) Ethyl Benzene	10.195	91	340794	56.235	ug/l	98
68) m/p-Xylenes	10.305	106	254065	112.282	ug/l	92
69) o-Xylene	10.640	106	124352	56.168	ug/l	92
70) Styrene	10.659	104	210308	57.945	ug/l	97
71) Bromoform	10.799	173	51246	48.913	ug/l #	99
73) Isopropylbenzene	10.963	105	333957	57.724	ug/l	98
74) N-amyl acetate	10.841	43	154121	58.015	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	95314	48.442	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	97875m	54.479	ug/l	
77) Bromobenzene	11.201	156	76815	55.987	ug/l	92
78) n-propylbenzene	11.305	91	388145	58.351	ug/l	97
79) 2-Chlorotoluene	11.366	91	235047	57.403	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	280255	58.372	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	28061	45.187	ug/l	87
82) 4-Chlorotoluene	11.457	91	271517	58.715	ug/l	95
83) tert-Butylbenzene	11.713	119	263295	56.500	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	283114	59.015	ug/l	96
85) sec-Butylbenzene	11.890	105	341653	58.749	ug/l	98
86) p-Isopropyltoluene	12.012	119	289037	59.619	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	147442	57.246	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	146748	53.142	ug/l	99
89) n-Butylbenzene	12.335	91	255813	59.375	ug/l	99
90) Hexachloroethane	12.542	117	43886	45.322	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	141260	52.871	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25522	50.669	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	91487	57.945	ug/l	100
94) Hexachlorobutadiene	13.725	225	39065	59.592	ug/l	97
95) Naphthalene	13.780	128	321911	55.961	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	90990	56.644	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
Data File : VX026314.D
Acq On : 05 Jan 2022 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 01/06/2022
Supervised By : Mahesh Dadoda 01/07/2022

Quant Time: Jan 06 03:07:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration

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

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

