

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042123\
 Data File : VX035226.D
 Acq On : 21 Apr 2023 12:16
 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 04/24/2023
 Supervised By : Mahesh Dadoda 04/24/2023

Quant Time: Apr 22 01:03:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	248279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	391189	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	350690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	155212	40.877	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	81.760%		
35) Dibromofluoromethane	5.379	113	126826	49.017	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.040%		
50) Toluene-d8	8.647	98	465736	48.767	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.540%		
62) 4-Bromofluorobenzene	11.079	95	186358	50.426	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	154324	62.320	ug/l	98
3) Chloromethane	1.294	50	135758	43.786	ug/l	99
4) Vinyl Chloride	1.374	62	138402	45.084	ug/l	98
5) Bromomethane	1.618	94	85410	42.815	ug/l	96
6) Chloroethane	1.691	64	77743	38.924	ug/l	99
7) Trichlorofluoromethane	1.886	101	205291	41.597	ug/l	100
8) Diethyl Ether	2.130	74	77200	44.371	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	139907	54.238	ug/l	97
10) Methyl Iodide	2.453	142	150362	46.808	ug/l	99
11) Tert butyl alcohol	3.014	59	129216	193.957	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	132237	51.881	ug/l	99
13) Acrolein	2.239	56	169147	246.642	ug/l	99
14) Allyl chloride	2.666	41	241013	48.265	ug/l	97
15) Acrylonitrile	3.069	53	371255	247.570	ug/l	100
16) Acetone	2.392	43	368033	238.596	ug/l	99
17) Carbon Disulfide	2.514	76	327410	51.289	ug/l	99
18) Methyl Acetate	2.703	43	273734	49.946	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	463856	49.153	ug/l	99
20) Methylene Chloride	2.788	84	151390	49.736	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	144172	51.864	ug/l	95
22) Diisopropyl ether	3.757	45	478635	47.504	ug/l	90
23) Vinyl Acetate	3.715	43	1728810	240.586	ug/l	99
24) 1,1-Dichloroethane	3.605	63	268145	49.463	ug/l	100
25) 2-Butanone	4.562	43	517348	230.571	ug/l	95
26) 2,2-Dichloropropane	4.471	77	220622	49.487	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	167240	50.773	ug/l	96
28) Bromochloromethane	4.897	49	105332	39.720	ug/l	92
29) Tetrahydrofuran	5.007	42	317722	226.037	ug/l	97
30) Chloroform	5.086	83	268451	48.754	ug/l	99
31) Cyclohexane	5.464	56	244863	52.960	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	236898	50.417	ug/l	98
36) 1,1-Dichloropropene	5.690	75	203730	53.148	ug/l	98
37) Ethyl Acetate	4.708	43	197713	49.327	ug/l	98
38) Carbon Tetrachloride	5.678	117	203936	56.428	ug/l	99
39) Methylcyclohexane	7.379	83	263679	64.777	ug/l	99
40) Benzene	6.037	78	594686	54.043	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042123\
 Data File : VX035226.D
 Acq On : 21 Apr 2023 12:16
 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 04/24/2023
 Supervised By : Mahesh Dadoda 04/24/2023

Quant Time: Apr 22 01:03:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	115060	52.784	ug/l	98
42) 1,2-Dichloroethane	6.080	62	211055	48.244	ug/l	98
43) Isopropyl Acetate	6.336	43	333543	49.740	ug/l	97
44) Trichloroethene	7.123	130	163774	58.305	ug/l	98
45) 1,2-Dichloropropane	7.428	63	153702	53.602	ug/l	100
46) Dibromomethane	7.580	93	102457	51.931	ug/l	93
47) Bromodichloromethane	7.818	83	198468	54.460	ug/l	99
48) Methyl methacrylate	7.690	41	167616	50.898	ug/l	94
49) 1,4-Dioxane	7.720	88	57188	842.650	ug/l #	80
51) 4-Methyl-2-Pentanone	8.574	43	984351	248.028	ug/l	97
52) Toluene	8.714	92	378006	52.686	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	223647	57.046	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	246841	57.534	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	150164	55.299	ug/l	97
56) Ethyl methacrylate	9.116	69	235313	55.308	ug/l	92
57) 1,3-Dichloropropane	9.305	76	256118	53.258	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	571260	263.700	ug/l	96
59) 2-Hexanone	9.427	43	749484	249.681	ug/l	95
60) Dibromochloromethane	9.519	129	154451	59.709	ug/l	100
61) 1,2-Dibromoethane	9.610	107	158091	55.987	ug/l	99
64) Tetrachloroethene	9.275	164	143960	57.362	ug/l	98
65) Chlorobenzene	10.079	112	410067	56.200	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	148703	59.268	ug/l	98
67) Ethyl Benzene	10.195	91	726747	54.981	ug/l	100
68) m/p-Xylenes	10.299	106	565008	111.901	ug/l	98
69) o-Xylene	10.640	106	275212	55.640	ug/l	99
70) Styrene	10.653	104	455462	57.682	ug/l	98
71) Bromoform	10.799	173	109230	64.010	ug/l	99
73) Isopropylbenzene	10.963	105	729424	56.192	ug/l	100
74) N-amyl acetate	10.842	43	291678	49.976	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	218445	51.345	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	179209m	50.189	ug/l	
77) Bromobenzene	11.195	156	176670	54.927	ug/l	93
78) n-propylbenzene	11.305	91	841500	56.117	ug/l	98
79) 2-Chlorotoluene	11.366	91	505601	53.402	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	624704	57.558	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	63634	53.409	ug/l	99
82) 4-Chlorotoluene	11.451	91	583925	53.110	ug/l	97
83) tert-Butylbenzene	11.713	119	612461	60.093	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	617731	55.968	ug/l	100
85) sec-Butylbenzene	11.890	105	766283	61.802	ug/l	99
86) p-Isopropyltoluene	12.006	119	662922	64.119	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	337566	57.629	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	341407	55.805	ug/l	99
89) n-Butylbenzene	12.329	91	580281	64.240	ug/l	99
90) Hexachloroethane	12.536	117	105532	65.881	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	330585	56.351	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	44988	50.659	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	217472	65.543	ug/l	97
94) Hexachlorobutadiene	13.725	225	96146	65.882	ug/l	99
95) Naphthalene	13.774	128	671497	56.956	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	209836	62.711	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042123\
Data File : VX035226.D
Acq On : 21 Apr 2023 12:16
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 04/24/2023
Supervised By :Mahesh Dadoda 04/24/2023

Quant Time: Apr 22 01:03:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

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

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

