

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030723\
 Data File : VX034359.D
 Acq On : 07 Mar 2023 09:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/08/2023
 Supervised By : Mahesh Dadoda 03/08/2023

Quant Time: Mar 08 00:59:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	304842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	500792	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	463756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	235275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	209091	50.929	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.860%			
35) Dibromofluoromethane	5.379	113	168384	51.641	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.280%			
50) Toluene-d8	8.647	98	599631	51.221	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.440%			
62) 4-Bromofluorobenzene	11.079	95	252899	56.477	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	127530	48.414	ug/l	100
3) Chloromethane	1.301	50	179251	47.287	ug/l	96
4) Vinyl Chloride	1.374	62	174546	50.560	ug/l	96
5) Bromomethane	1.599	94	94737	75.790	ug/l	99
6) Chloroethane	1.685	64	102703	59.176	ug/l	99
7) Trichlorofluoromethane	1.886	101	266872	57.140	ug/l	94
8) Diethyl Ether	2.130	74	101517	53.952	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	159758	48.571	ug/l	95
10) Methyl Iodide	2.453	142	198838	49.650	ug/l	95
11) Tert butyl alcohol	2.953	59	198662	216.349	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	151651	45.994	ug/l	97
13) Acrolein	2.233	56	124299	296.541	ug/l	99
14) Allyl chloride	2.660	41	313872	44.876	ug/l	91
15) Acrylonitrile	3.063	53	481714	240.474	ug/l	99
16) Acetone	2.374	43	529575	250.057	ug/l	95
17) Carbon Disulfide	2.514	76	411279	43.385	ug/l	99
18) Methyl Acetate	2.703	43	318428	48.592	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	586002	50.356	ug/l	99
20) Methylene Chloride	2.788	84	181816	47.647	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	168152	48.669	ug/l	98
22) Diisopropyl ether	3.758	45	647527	52.809	ug/l	94
23) Vinyl Acetate	3.721	43	2517254	256.236	ug/l	100
24) 1,1-Dichloroethane	3.611	63	331401	49.232	ug/l	99
25) 2-Butanone	4.550	43	743139	242.515	ug/l	99
26) 2,2-Dichloropropane	4.471	77	288754	47.353	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	205558	50.242	ug/l	94
28) Bromochloromethane	4.891	49	151883	50.579	ug/l	87
29) Tetrahydrofuran	5.001	42	447554	239.416	ug/l	99
30) Chloroform	5.087	83	336627	52.079	ug/l	98
31) Cyclohexane	5.471	56	298161	48.643	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	290985	50.219	ug/l	99
36) 1,1-Dichloropropene	5.690	75	245934	51.001	ug/l	98
37) Ethyl Acetate	4.709	43	271724	50.420	ug/l	99
38) Carbon Tetrachloride	5.678	117	252315	50.848	ug/l	97
39) Methylcyclohexane	7.379	83	304112	49.006	ug/l	100
40) Benzene	6.032	78	728782	50.998	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030723\
 Data File : VX034359.D
 Acq On : 07 Mar 2023 09:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 08 00:59:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/08/2023
 Supervised By : Mahesh Dadoda 03/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	153540	51.135	ug/l	99
42) 1,2-Dichloroethane	6.086	62	280709	55.851	ug/l	97
43) Isopropyl Acetate	6.336	43	484851	50.982	ug/l	99
44) Trichloroethene	7.123	130	188005	51.267	ug/l	94
45) 1,2-Dichloropropane	7.428	63	196758	51.721	ug/l	98
46) Dibromomethane	7.580	93	133248	53.222	ug/l #	86
47) Bromodichloromethane	7.818	83	268711	52.299	ug/l	98
48) Methyl methacrylate	7.690	41	231323	51.247	ug/l	96
49) 1,4-Dioxane	7.653	88	89264	991.449	ug/l #	98
51) 4-Methyl-2-Pentanone	8.568	43	1406731	268.855	ug/l	99
52) Toluene	8.714	92	464791	53.678	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	315834	53.403	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	326355	51.545	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	193982	55.501	ug/l	98
56) Ethyl methacrylate	9.116	69	323134	54.652	ug/l	96
57) 1,3-Dichloropropane	9.305	76	335508	55.174	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	667640	260.668	ug/l	95
59) 2-Hexanone	9.427	43	1102831	276.567	ug/l	97
60) Dibromochloromethane	9.519	129	211511	54.769	ug/l	100
61) 1,2-Dibromoethane	9.610	107	205907	55.705	ug/l	99
64) Tetrachloroethene	9.269	164	160866	49.148	ug/l	93
65) Chlorobenzene	10.080	112	498920	51.611	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	193961	51.829	ug/l	98
67) Ethyl Benzene	10.195	91	902797	51.983	ug/l	99
68) m/p-Xylenes	10.299	106	685691	103.170	ug/l	93
69) o-Xylene	10.640	106	344004	51.991	ug/l	94
70) Styrene	10.653	104	574183	53.357	ug/l	95
71) Bromoform	10.799	173	156595	51.264	ug/l	99
73) Isopropylbenzene	10.964	105	897822	50.071	ug/l	99
74) N-amyl acetate	10.842	43	442338	49.103	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	299132	48.775	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	252832m	42.707	ug/l	
77) Bromobenzene	11.195	156	216851	50.254	ug/l	83
78) n-propylbenzene	11.305	91	1059776	50.819	ug/l	98
79) 2-Chlorotoluene	11.366	91	640039	50.053	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	754042	50.018	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	103528	44.923	ug/l	96
82) 4-Chlorotoluene	11.451	91	737398	50.630	ug/l	95
83) tert-Butylbenzene	11.713	119	753300	48.789	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	766973	50.317	ug/l	96
85) sec-Butylbenzene	11.890	105	943543	50.322	ug/l	97
86) p-Isopropyltoluene	12.006	119	780954	50.328	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	409605	50.615	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	409115	50.121	ug/l	97
89) n-Butylbenzene	12.335	91	704743	50.992	ug/l	98
90) Hexachloroethane	12.536	117	152880	47.121	ug/l	78
91) 1,2-Dichlorobenzene	12.335	146	397943	50.259	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	68259	46.674	ug/l	73
93) 1,2,4-Trichlorobenzene	13.585	180	249297	49.042	ug/l	97
94) Hexachlorobutadiene	13.725	225	102262	48.527	ug/l	99
95) Naphthalene	13.774	128	848109	49.526	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	251264	49.788	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030723\
Data File : VX034359.D
Acq On : 07 Mar 2023 09:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

Quant Time: Mar 08 00:59:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration

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

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

Manual Integrations APPROVED

Quant Time: Mar 08 00:59:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration

