

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
 Data File : VX040239.D
 Acq On : 14 Feb 2024 22:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2024
 Supervised By : Mahesh Dadoda 02/15/2024

Quant Time: Feb 15 00:11:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	73892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124083	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57568	52.368	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.740%			
35) Dibromofluoromethane	5.385	113	46546	53.715	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.440%			
50) Toluene-d8	8.647	98	165194	50.963	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.920%			
62) 4-Bromofluorobenzene	11.079	95	66600	50.379	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.760%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	41416	49.619	ug/l	96
3) Chloromethane	1.294	50	43072	50.042	ug/l	99
4) Vinyl Chloride	1.374	62	45042	49.520	ug/l	98
5) Bromomethane	1.599	94	31428	61.229	ug/l	92
6) Chloroethane	1.685	64	28722	50.069	ug/l	99
7) Trichlorofluoromethane	1.886	101	68809	47.106	ug/l	100
8) Diethyl Ether	2.130	74	28607	52.134	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	37483	47.838	ug/l	96
10) Methyl Iodide	2.453	142	50340	57.869	ug/l	92
11) Tert butyl alcohol	2.959	59	55252	258.035	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	36951	48.980	ug/l	91
13) Acrolein	2.233	56	51011	258.100	ug/l	97
14) Allyl chloride	2.666	41	64612	49.352	ug/l	95
15) Acrylonitrile	3.062	53	124892	260.679	ug/l	99
16) Acetone	2.380	43	97664	216.315	ug/l	93
17) Carbon Disulfide	2.514	76	88655	44.513	ug/l	98
18) Methyl Acetate	2.703	43	54288	44.854	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	143625	54.040	ug/l	100
20) Methylene Chloride	2.788	84	46039	54.539	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	41021	47.744	ug/l	91
22) Diisopropyl ether	3.764	45	141100	53.142	ug/l	88
23) Vinyl Acetate	3.721	43	651267	275.151	ug/l	98
24) 1,1-Dichloroethane	3.605	63	78482	50.744	ug/l	99
25) 2-Butanone	4.550	43	171718	243.316	ug/l	96
26) 2,2-Dichloropropane	4.471	77	51614	43.352	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	49928	50.939	ug/l	92
28) Bromochloromethane	4.891	49	35492	54.050	ug/l	91
29) Tetrahydrofuran	5.001	42	116600	253.597	ug/l	95
30) Chloroform	5.093	83	85776	51.296	ug/l	98
31) Cyclohexane	5.471	56	58320	44.478	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	69764	49.592	ug/l	100
36) 1,1-Dichloropropene	5.696	75	55561	45.772	ug/l	96
37) Ethyl Acetate	4.715	43	68867	50.988	ug/l	97
38) Carbon Tetrachloride	5.672	117	55381	47.985	ug/l	98
39) Methylcyclohexane	7.379	83	63587	45.076	ug/l	94
40) Benzene	6.037	78	171865	50.630	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
 Data File : VX040239.D
 Acq On : 14 Feb 2024 22:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2024
 Supervised By : Mahesh Dadoda 02/15/2024

Quant Time: Feb 15 00:11:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	37934	52.979	ug/l	93
42) 1,2-Dichloroethane	6.086	62	68483	51.615	ug/l	99
43) Isopropyl Acetate	6.336	43	113517	53.839	ug/l	98
44) Trichloroethene	7.123	130	45494	48.587	ug/l	98
45) 1,2-Dichloropropane	7.427	63	47690	53.977	ug/l	98
46) Dibromomethane	7.580	93	35385	54.379	ug/l	95
47) Bromodichloromethane	7.818	83	66782	53.264	ug/l	99
48) Methyl methacrylate	7.690	41	56040	51.944	ug/l	89
49) 1,4-Dioxane	7.659	88	23146	986.191	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	384276	266.946	ug/l	99
52) Toluene	8.720	92	113136	50.883	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	69986	46.986	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	73798	52.519	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	50389	53.135	ug/l	94
56) Ethyl methacrylate	9.116	69	78847	55.538	ug/l	95
57) 1,3-Dichloropropane	9.305	76	82761	53.467	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	177691	264.580	ug/l	98
59) 2-Hexanone	9.427	43	296806	260.053	ug/l	97
60) Dibromochloromethane	9.519	129	52830	54.679	ug/l	98
61) 1,2-Dibromoethane	9.610	107	54104	53.674	ug/l	99
64) Tetrachloroethene	9.269	164	40366	48.159	ug/l	94
65) Chlorobenzene	10.079	112	121590	48.708	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	45391	52.501	ug/l	99
67) Ethyl Benzene	10.195	91	222179	49.974	ug/l	100
68) m/p-Xylenes	10.299	106	166667	99.260	ug/l	99
69) o-Xylene	10.640	106	83404	51.115	ug/l	99
70) Styrene	10.653	104	141865	52.294	ug/l	98
71) Bromoform	10.799	173	38498	47.502	ug/l #	97
73) Isopropylbenzene	10.963	105	217332	47.322	ug/l	98
74) N-amyl acetate	10.842	43	109816	55.785	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	84779	51.381	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	70866m	53.669	ug/l	
77) Bromobenzene	11.195	156	54669	50.400	ug/l	93
78) n-propylbenzene	11.305	91	265905	47.823	ug/l	99
79) 2-Chlorotoluene	11.366	91	156959	46.749	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	189412	48.989	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	22067	47.147	ug/l	93
82) 4-Chlorotoluene	11.451	91	185153	46.543	ug/l	98
83) tert-Butylbenzene	11.713	119	181430	47.862	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	193636	49.502	ug/l	98
85) sec-Butylbenzene	11.890	105	232765	47.780	ug/l	99
86) p-Isopropyltoluene	12.006	119	193118	48.360	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	105464	49.071	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	107992	47.452	ug/l	98
89) n-Butylbenzene	12.329	91	180139	46.732	ug/l	97
90) Hexachloroethane	12.536	117	31535	50.065	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	104049	50.010	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20128	52.854	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	68979	48.426	ug/l	97
94) Hexachlorobutadiene	13.725	225	26397	46.433	ug/l	97
95) Naphthalene	13.774	128	234309	52.083	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	67529	49.736	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
Data File : VX040239.D
Acq On : 14 Feb 2024 22:25
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By : John Carlone 02/15/2024
Supervised By : Mahesh Dadoda 02/15/2024

Quant Time: Feb 15 00:11:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

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

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

