

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022023\
 Data File : VX034195.D
 Acq On : 20 Feb 2023 18:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/21/2023
 Supervised By : Mahesh Dadoda 02/21/2023

Quant Time: Feb 21 01:11:27 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	362608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	606752	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	549086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	270401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	230452	47.190	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.380%			
35) Dibromofluoromethane	5.385	113	198998	50.372	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.740%			
50) Toluene-d8	8.647	98	750306	52.899	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.800%			
62) 4-Bromofluorobenzene	11.079	95	291403	53.711	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	153860	49.104	ug/l	98
3) Chloromethane	1.295	50	224780	49.851	ug/l	99
4) Vinyl Chloride	1.374	62	233827	56.942	ug/l	100
5) Bromomethane	1.599	94	95063	62.750	ug/l	97
6) Chloroethane	1.685	64	129657	62.806	ug/l	99
7) Trichlorofluoromethane	1.886	101	315892	56.861	ug/l	97
8) Diethyl Ether	2.130	74	124941	55.822	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	175505	44.858	ug/l	95
10) Methyl Iodide	2.453	142	225736	47.387	ug/l	94
11) Tert butyl alcohol	2.953	59	238636	218.481	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	184330	46.999	ug/l	92
13) Acrolein	2.233	56	85743	171.970	ug/l	99
14) Allyl chloride	2.666	41	356525	42.854	ug/l	88
15) Acrylonitrile	3.056	53	586834	246.282	ug/l	99
16) Acetone	2.374	43	461387	183.153	ug/l	91
17) Carbon Disulfide	2.514	76	512103	45.415	ug/l	99
18) Methyl Acetate	2.697	43	382604	49.084	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	657784	47.520	ug/l	98
20) Methylene Chloride	2.788	84	207832	45.788	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	198675	48.343	ug/l	98
22) Diisopropyl ether	3.758	45	749495	51.387	ug/l	95
23) Vinyl Acetate	3.721	43	2929424	250.688	ug/l	100
24) 1,1-Dichloroethane	3.611	63	378949	47.327	ug/l	100
25) 2-Butanone	4.550	43	823436	225.910	ug/l	98
26) 2,2-Dichloropropane	4.477	77	296050	40.815	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	235888	48.471	ug/l	97
28) Bromochloromethane	4.898	49	178999	50.113	ug/l	87
29) Tetrahydrofuran	5.001	42	556285	250.174	ug/l	97
30) Chloroform	5.093	83	375356	48.820	ug/l	98
31) Cyclohexane	5.471	56	345987	47.454	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	329472	47.803	ug/l	99
36) 1,1-Dichloropropene	5.696	75	280338	47.983	ug/l	98
37) Ethyl Acetate	4.709	43	327536	50.162	ug/l	100
38) Carbon Tetrachloride	5.678	117	284513	47.324	ug/l	98
39) Methylcyclohexane	7.379	83	344562	45.828	ug/l	99
40) Benzene	6.038	78	855442	49.408	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022023\
 Data File : VX034195.D
 Acq On : 20 Feb 2023 18:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/21/2023
 Supervised By : Mahesh Dadoda 02/21/2023

Quant Time: Feb 21 01:11:27 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)
41) Methacrylonitrile	4.916	41	188066	51.695	ug/l	98
42) 1,2-Dichloroethane	6.086	62	287821	47.266	ug/l	100
43) Isopropyl Acetate	6.336	43	567917	49.288	ug/l	99
44) Trichloroethene	7.123	130	220127	49.543	ug/l	93
45) 1,2-Dichloropropane	7.428	63	227838	49.432	ug/l	97
46) Dibromomethane	7.580	93	148331	48.900	ug/l	88
47) Bromodichloromethane	7.818	83	301060	48.362	ug/l	99
48) Methyl methacrylate	7.690	41	268050	49.013	ug/l	98
49) 1,4-Dioxane	7.659	88	101450	930.020	ug/l #	100
51) 4-Methyl-2-Pentanone	8.574	43	1680461	265.083	ug/l	99
52) Toluene	8.720	92	539862	51.459	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	350049	48.852	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	365798	47.686	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	217128	51.275	ug/l	98
56) Ethyl methacrylate	9.116	69	367896	51.356	ug/l	97
57) 1,3-Dichloropropane	9.305	76	376489	51.101	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	814686	262.532	ug/l	94
59) 2-Hexanone	9.427	43	1269007	262.665	ug/l	98
60) Dibromochloromethane	9.519	129	239176	51.117	ug/l	99
61) 1,2-Dibromoethane	9.610	107	229330	51.207	ug/l	98
64) Tetrachloroethene	9.275	164	180799	46.654	ug/l	94
65) Chlorobenzene	10.080	112	566588	49.502	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	215754	48.693	ug/l	98
67) Ethyl Benzene	10.195	91	1024994	49.847	ug/l	99
68) m/p-Xylenes	10.299	106	788279	100.174	ug/l	95
69) o-Xylene	10.640	106	394172	50.315	ug/l	95
70) Styrene	10.653	104	651499	51.134	ug/l	96
71) Bromoform	10.799	173	181056	50.060	ug/l	99
73) Isopropylbenzene	10.964	105	1016294	49.315	ug/l	99
74) N-amyl acetate	10.842	43	525343	50.742	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	347860	49.352	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	330375m	48.556	ug/l	
77) Bromobenzene	11.195	156	243871	49.175	ug/l	84
78) n-propylbenzene	11.305	91	1194994	49.859	ug/l	97
79) 2-Chlorotoluene	11.366	91	719872	48.983	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	851515	49.146	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	119407	45.083	ug/l	91
82) 4-Chlorotoluene	11.457	91	824350	49.248	ug/l	96
83) tert-Butylbenzene	11.713	119	874271	49.268	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	855881	48.856	ug/l	97
85) sec-Butylbenzene	11.890	105	1062370	49.300	ug/l	98
86) p-Isopropyltoluene	12.006	119	875074	49.067	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	456231	49.053	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	456876	48.701	ug/l	97
89) n-Butylbenzene	12.329	91	780476	49.135	ug/l	98
90) Hexachloroethane	12.536	117	179436	48.121	ug/l	79
91) 1,2-Dichlorobenzene	12.335	146	446178	49.031	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	78840	46.906	ug/l	78
93) 1,2,4-Trichlorobenzene	13.585	180	283888	48.592	ug/l	98
94) Hexachlorobutadiene	13.725	225	112080	46.277	ug/l	99
95) Naphthalene	13.774	128	971870	49.381	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	280564	48.372	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022023\
Data File : VX034195.D
Acq On : 20 Feb 2023 18:06
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

Quant Time: Feb 21 01:11:27 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

