

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020723\
 Data File : VX034025.D
 Acq On : 06 Feb 2023 14:14
 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 02/07/2023
 Supervised By : Mahesh Dadoda 02/07/2023

Quant Time: Feb 07 00:48:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	156638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	215067	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70664	46.795	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.600%		
35) Dibromofluoromethane	5.385	113	66323	48.455	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.920%		
50) Toluene-d8	8.647	98	238071	48.275	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.560%		
62) 4-Bromofluorobenzene	11.079	95	84929	48.219	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	68386	53.707	ug/l	99
3) Chloromethane	1.295	50	62453	51.974	ug/l	99
4) Vinyl Chloride	1.374	62	63623	50.558	ug/l	98
5) Bromomethane	1.605	94	31661	48.858	ug/l	98
6) Chloroethane	1.685	64	36692	52.728	ug/l	98
7) Trichlorofluoromethane	1.886	101	105092	52.488	ug/l	99
8) Diethyl Ether	2.130	74	35320	51.287	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	69862	52.261	ug/l	92
10) Methyl Iodide	2.453	142	96422	50.913	ug/l	92
11) Tert butyl alcohol	2.959	59	57882	273.591	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	65600	51.149	ug/l	91
13) Acrolein	2.233	56	66889	235.722	ug/l	99
14) Allyl chloride	2.666	41	109778	52.498	ug/l	89
15) Acrylonitrile	3.056	53	175040	257.924	ug/l	100
16) Acetone	2.374	43	144116	225.961	ug/l	90
17) Carbon Disulfide	2.514	76	165969	51.006	ug/l	98
18) Methyl Acetate	2.697	43	104317	52.580	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	206641	52.250	ug/l	98
20) Methylene Chloride	2.788	84	71972	49.325	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	71773	51.381	ug/l	98
22) Diisopropyl ether	3.757	45	212989	51.614	ug/l	89
23) Vinyl Acetate	3.715	43	823488	262.063	ug/l	98
24) 1,1-Dichloroethane	3.605	63	122672	51.574	ug/l	98
25) 2-Butanone	4.544	43	229844	247.489	ug/l	97
26) 2,2-Dichloropropane	4.471	77	87901	50.662	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	82944	51.621	ug/l	94
28) Bromochloromethane	4.891	49	49432	47.269	ug/l	88
29) Tetrahydrofuran	4.995	42	149749	253.525	ug/l	94
30) Chloroform	5.093	83	126192	50.906	ug/l	97
31) Cyclohexane	5.471	56	112737	51.265	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	112361	52.631	ug/l	98
36) 1,1-Dichloropropene	5.690	75	96103	51.210	ug/l	98
37) Ethyl Acetate	4.709	43	92449	52.882	ug/l	99
38) Carbon Tetrachloride	5.678	117	105625	52.772	ug/l	99
39) Methylcyclohexane	7.379	83	123300	52.196	ug/l	95
40) Benzene	6.038	78	283786	52.264	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020723\
 Data File : VX034025.D
 Acq On : 06 Feb 2023 14:14
 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 02/07/2023
 Supervised By : Mahesh Dadoda 02/07/2023

Quant Time: Feb 07 00:48:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	51380	52.224	ug/l	97
42) 1,2-Dichloroethane	6.080	62	97556	52.873	ug/l	98
43) Isopropyl Acetate	6.336	43	145260	53.279	ug/l	98
44) Trichloroethene	7.123	130	86890	52.067	ug/l	96
45) 1,2-Dichloropropane	7.428	63	70607	52.667	ug/l	98
46) Dibromomethane	7.580	93	50552	52.632	ug/l	95
47) Bromodichloromethane	7.818	83	97703	53.683	ug/l	98
48) Methyl methacrylate	7.690	41	74572	52.976	ug/l	95
49) 1,4-Dioxane	7.665	88	33068	1220.405	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	447394	261.612	ug/l	97
52) Toluene	8.714	92	184124	52.324	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	100495	54.928	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	113043	54.307	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	73730	52.456	ug/l	98
56) Ethyl methacrylate	9.116	69	106499	54.250	ug/l	95
57) 1,3-Dichloropropane	9.305	76	119563	52.072	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	235869	258.235	ug/l	97
59) 2-Hexanone	9.427	43	328379	262.389	ug/l	97
60) Dibromochloromethane	9.519	129	83718	53.741	ug/l	99
61) 1,2-Dibromoethane	9.610	107	79282	52.456	ug/l	98
64) Tetrachloroethene	9.275	164	79834	50.803	ug/l	98
65) Chlorobenzene	10.079	112	203276	52.298	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	78653	53.549	ug/l	99
67) Ethyl Benzene	10.195	91	346758	52.708	ug/l	98
68) m/p-Xylenes	10.299	106	275062	104.599	ug/l	100
69) o-Xylene	10.640	106	134088	53.092	ug/l	99
70) Styrene	10.653	104	224818	54.047	ug/l	100
71) Bromoform	10.799	173	67336	56.203	ug/l #	100
73) Isopropylbenzene	10.964	105	353318	52.359	ug/l	100
74) N-amyl acetate	10.842	43	119534	53.770	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	100865	49.678	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	83070m	47.914	ug/l	
77) Bromobenzene	11.195	156	96262	51.444	ug/l	96
78) n-propylbenzene	11.305	91	394760	52.909	ug/l	99
79) 2-Chlorotoluene	11.366	91	232828	51.537	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	294002	52.342	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	29380	52.188	ug/l	97
82) 4-Chlorotoluene	11.451	91	267532	52.358	ug/l	99
83) tert-Butylbenzene	11.713	119	303258	52.259	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	295079	52.584	ug/l	100
85) sec-Butylbenzene	11.890	105	368063	53.012	ug/l	99
86) p-Isopropyltoluene	12.006	119	321685	52.826	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	179046	52.147	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	178792	51.290	ug/l	100
89) n-Butylbenzene	12.329	91	257828	54.003	ug/l	99
90) Hexachloroethane	12.536	117	52585	54.853	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	171249	51.140	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21669	54.274	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	127740	53.990	ug/l	100
94) Hexachlorobutadiene	13.725	225	59869	51.121	ug/l	99
95) Naphthalene	13.774	128	349153	53.711	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	126236	53.115	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020723\
Data File : VX034025.D
Acq On : 06 Feb 2023 14:14
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 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

Quant Time: Feb 07 00:48:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 03 23:25:45 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: Feb 07 00:48:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 03 23:25:45 2023
Response via : Initial Calibration

