

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038142.D
 Acq On : 06 Oct 2023 19:37
 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 10/09/2023
 Supervised By : Mahesh Dadoda 10/09/2023

Quant Time: Oct 07 04:30:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	127797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221198	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104125	50.656	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.320%			
35) Dibromofluoromethane	5.385	113	81063	50.859	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.720%			
50) Toluene-d8	8.647	98	317091	52.063	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.120%			
62) 4-Bromofluorobenzene	11.079	95	128222	55.531	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	60780	49.272	ug/l	99
3) Chloromethane	1.301	50	59275	47.146	ug/l	97
4) Vinyl Chloride	1.374	62	73017	52.380	ug/l	98
5) Bromomethane	1.599	94	103832	56.830	ug/l	97
6) Chloroethane	1.679	64	63636	61.090	ug/l	97
7) Trichlorofluoromethane	1.886	101	160085	58.140	ug/l	99
8) Diethyl Ether	2.136	74	58827	57.286	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.325	101	58534	48.696	ug/l	98
10) Methyl Iodide	2.453	142	86141	49.807	ug/l	94
11) Tert butyl alcohol	2.965	59	112092	246.897	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	57578	49.244	ug/l	87
13) Acrolein	2.233	56	79660	272.607	ug/l	99
14) Allyl chloride	2.660	41	99994	47.813	ug/l	95
15) Acrylonitrile	3.062	53	237253	253.630	ug/l	99
16) Acetone	2.380	43	192690	224.613	ug/l	92
17) Carbon Disulfide	2.508	76	145489	43.172	ug/l	100
18) Methyl Acetate	2.703	43	185670	50.469	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	235174	50.502	ug/l	99
20) Methylene Chloride	2.788	84	74355	46.079	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	71405	49.323	ug/l	92
22) Diisopropyl ether	3.764	45	224250	51.161	ug/l	87
23) Vinyl Acetate	3.721	43	832715	259.058	ug/l	97
24) 1,1-Dichloroethane	3.611	63	132828	49.934	ug/l	100
25) 2-Butanone	4.556	43	346763	250.522	ug/l	91
26) 2,2-Dichloropropane	4.471	77	85754	41.291	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	86505	50.172	ug/l	91
28) Bromochloromethane	4.897	49	64827	53.985	ug/l	89
29) Tetrahydrofuran	5.007	42	226769	251.637	ug/l	89
30) Chloroform	5.093	83	152074	52.280	ug/l	97
31) Cyclohexane	5.471	56	109025	48.955	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	128106	51.417	ug/l	100
36) 1,1-Dichloropropene	5.696	75	107099	48.727	ug/l	98
37) Ethyl Acetate	4.715	43	133018	50.958	ug/l	97
38) Carbon Tetrachloride	5.678	117	108462	50.163	ug/l	97
39) Methylcyclohexane	7.379	83	123192	47.851	ug/l	95
40) Benzene	6.037	78	314749	51.200	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038142.D
 Acq On : 06 Oct 2023 19:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 07 04:30:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/09/2023
 Supervised By : Mahesh Dadoda 10/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	66041	50.858	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	126826	51.636	ug/l	100
43) Isopropyl Acetate	6.342	43	198330	50.896	ug/l	96
44) Trichloroethene	7.129	130	81155	50.473	ug/l	99
45) 1,2-Dichloropropane	7.434	63	80980	50.896	ug/l	99
46) Dibromomethane	7.580	93	62395	50.562	ug/l	97
47) Bromodichloromethane	7.824	83	117327	53.445	ug/l	98
48) Methyl methacrylate	7.696	41	97107	52.200	ug/l #	86
49) 1,4-Dioxane	7.659	88	48538	1058.833	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	722717	268.883	ug/l	97
52) Toluene	8.720	92	213684	53.361	ug/l	93
53) t-1,3-Dichloropropene	8.982	75	124457	52.816	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	128105	51.744	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	91476	53.406	ug/l	94
56) Ethyl methacrylate	9.116	69	140406	53.464	ug/l	93
57) 1,3-Dichloropropane	9.311	76	146817	52.997	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	329674	255.744	ug/l	99
59) 2-Hexanone	9.433	43	583118	269.859	ug/l	95
60) Dibromochloromethane	9.525	129	94443	56.338	ug/l	100
61) 1,2-Dibromoethane	9.610	107	102491	55.333	ug/l	100
64) Tetrachloroethene	9.275	164	72820	48.873	ug/l	95
65) Chlorobenzene	10.079	112	236654	49.137	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	85187	52.306	ug/l	99
67) Ethyl Benzene	10.195	91	430688	50.098	ug/l	99
68) m/p-Xylenes	10.305	106	337344	101.483	ug/l	99
69) o-Xylene	10.640	106	163564	50.415	ug/l	100
70) Styrene	10.659	104	281709	53.319	ug/l	96
71) Bromoform	10.799	173	70797	47.039	ug/l #	100
73) Isopropylbenzene	10.963	105	434776	49.086	ug/l	99
74) N-amyl acetate	10.842	43	190325	50.318	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	165077	50.790	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	130251m	43.380	ug/l	
77) Bromobenzene	11.201	156	105471	48.773	ug/l	93
78) n-propylbenzene	11.305	91	525762	48.545	ug/l	100
79) 2-Chlorotoluene	11.366	91	307550	47.883	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	382390	50.040	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	43446	42.876	ug/l	93
82) 4-Chlorotoluene	11.457	91	371163	48.834	ug/l	98
83) tert-Butylbenzene	11.713	119	374791	50.194	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	384214	50.428	ug/l	99
85) sec-Butylbenzene	11.890	105	482776	49.912	ug/l	99
86) p-Isopropyltoluene	12.012	119	399198	50.023	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	206446	47.531	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	213899	48.237	ug/l	99
89) n-Butylbenzene	12.335	91	381642	48.020	ug/l	97
90) Hexachloroethane	12.542	117	67632	51.115	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	205062	49.116	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39017	49.651	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	132542	47.332	ug/l	96
94) Hexachlorobutadiene	13.725	225	52474	46.558	ug/l	99
95) Naphthalene	13.774	128	462617	47.439	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	128085	47.240	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
Data File : VX038142.D
Acq On : 06 Oct 2023 19:37
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 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

Quant Time: Oct 07 04:30:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

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

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

