

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032613.D
 Acq On : 05 Nov 2022 08:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/07/2022
 Supervised By : Mahesh Dadoda 11/07/2022

Quant Time: Nov 07 05:11:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	104956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	168342	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76584	52.515	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.020%			
35) Dibromofluoromethane	5.385	113	61803	51.468	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.940%			
50) Toluene-d8	8.653	98	209909	50.272	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.540%			
62) 4-Bromofluorobenzene	11.079	95	85600	52.482	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	59144	48.859	ug/l	99
3) Chloromethane	1.294	50	47839	46.730	ug/l	93
4) Vinyl Chloride	1.374	62	55734	49.468	ug/l	100
5) Bromomethane	1.611	94	43229	48.012	ug/l	97
6) Chloroethane	1.685	64	46166	61.079	ug/l	99
7) Trichlorofluoromethane	1.886	101	109949	51.503	ug/l	99
8) Diethyl Ether	2.130	74	35203	50.886	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	56538	50.178	ug/l	100
10) Methyl Iodide	2.453	142	49348	39.783	ug/l	99
11) Tert butyl alcohol	2.983	59	49885	235.019	ug/l	99
12) 1,1-Dichloroethene	2.319	96	52555	49.930	ug/l	96
13) Acrolein	2.239	56	61889	292.067	ug/l	99
14) Allyl chloride	2.666	41	82527	49.186	ug/l	98
15) Acrylonitrile	3.062	53	141383	245.432	ug/l	100
16) Acetone	2.386	43	130808	246.790	ug/l	98
17) Carbon Disulfide	2.514	76	110567	44.102	ug/l	99
18) Methyl Acetate	2.703	43	93863	54.457	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	192026	51.907	ug/l	99
20) Methylene Chloride	2.788	84	60053	49.415	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	57027	49.774	ug/l	98
22) Diisopropyl ether	3.763	45	189133	52.114	ug/l	98
23) Vinyl Acetate	3.721	43	745893	254.386	ug/l	99
24) 1,1-Dichloroethane	3.611	63	107859	51.668	ug/l	100
25) 2-Butanone	4.556	43	200199	243.795	ug/l	100
26) 2,2-Dichloropropane	4.477	77	58514	35.262	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	69228	52.274	ug/l	96
28) Bromochloromethane	4.903	49	35413	47.626	ug/l	99
29) Tetrahydrofuran	5.007	42	127946	244.342	ug/l	99
30) Chloroform	5.099	83	121826	53.185	ug/l	99
31) Cyclohexane	5.477	56	87763	49.634	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	109593	53.316	ug/l	99
36) 1,1-Dichloropropene	5.696	75	83180	49.744	ug/l	99
37) Ethyl Acetate	4.715	43	81488	46.817	ug/l	99
38) Carbon Tetrachloride	5.684	117	93967	50.665	ug/l	97
39) Methylcyclohexane	7.385	83	92278	46.642	ug/l	98
40) Benzene	6.044	78	236658	50.013	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032613.D
 Acq On : 05 Nov 2022 08:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/07/2022
 Supervised By : Mahesh Dadoda 11/07/2022

Quant Time: Nov 07 05:11:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	45841	51.699	ug/l	98
42) 1,2-Dichloroethane	6.086	62	101299	52.369	ug/l	100
43) Isopropyl Acetate	6.342	43	136235	50.977	ug/l	99
44) Trichloroethene	7.129	130	66303	49.774	ug/l	100
45) 1,2-Dichloropropane	7.434	63	61849	50.917	ug/l	99
46) Dibromomethane	7.580	93	47525	51.016	ug/l	99
47) Bromodichloromethane	7.824	83	92585	52.439	ug/l	96
48) Methyl methacrylate	7.696	41	69813	50.580	ug/l	99
49) 1,4-Dioxane	7.690	88	25093	953.964	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	431164	256.136	ug/l	99
52) Toluene	8.720	92	158140	51.223	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	89694	49.791	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	94508	49.050	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	65738	50.560	ug/l	96
56) Ethyl methacrylate	9.116	69	98880	52.847	ug/l	99
57) 1,3-Dichloropropane	9.311	76	108350	51.604	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	235217	261.083	ug/l	100
59) 2-Hexanone	9.433	43	318341	254.865	ug/l	100
60) Dibromochloromethane	9.525	129	73036	51.429	ug/l	99
61) 1,2-Dibromoethane	9.610	107	71686	52.035	ug/l	97
64) Tetrachloroethene	9.275	164	56470	49.943	ug/l	97
65) Chlorobenzene	10.079	112	174442	50.411	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	68365	52.493	ug/l	98
67) Ethyl Benzene	10.195	91	317497	51.308	ug/l	99
68) m/p-Xylenes	10.305	106	246137	102.435	ug/l	100
69) o-Xylene	10.640	106	121810	52.139	ug/l	99
70) Styrene	10.659	104	203209	52.337	ug/l	100
71) Bromoform	10.799	173	52383	50.872	ug/l #	99
73) Isopropylbenzene	10.963	105	324610	49.667	ug/l	100
74) N-amyl acetate	10.841	43	126369	51.173	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	101683	48.470	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	90455m	49.296	ug/l	
77) Bromobenzene	11.201	156	79959	49.903	ug/l	99
78) n-propylbenzene	11.305	91	370762	49.238	ug/l	100
79) 2-Chlorotoluene	11.366	91	224408	49.763	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	279974	50.122	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24366	42.254	ug/l	97
82) 4-Chlorotoluene	11.457	91	264333	50.093	ug/l	100
83) tert-Butylbenzene	11.713	119	277605	49.779	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	279318	50.276	ug/l	100
85) sec-Butylbenzene	11.890	105	330365	49.233	ug/l	100
86) p-Isopropyltoluene	12.012	119	283319	49.758	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	148872	49.255	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	153246	48.873	ug/l	98
89) n-Butylbenzene	12.335	91	235963	47.635	ug/l	99
90) Hexachloroethane	12.542	117	44904	48.282	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	148239	49.741	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22437	48.779	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	89871	46.249	ug/l	99
94) Hexachlorobutadiene	13.725	225	35216	43.393	ug/l	99
95) Naphthalene	13.774	128	308285	47.612	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	91813	46.480	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
Data File : VX032613.D
Acq On : 05 Nov 2022 08:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

Quant Time: Nov 07 05:11:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

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

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

