

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
 Data File : VX031079.D
 Acq On : 02 Sep 2022 19:56
 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 09/03/2022
 Supervised By : Mahesh Dadoda 09/06/2022

Quant Time: Sep 03 00:51:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	176946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	273544	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	106949	46.974	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.940%		
35) Dibromofluoromethane	5.391	113	103500	51.848	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.700%		
50) Toluene-d8	8.653	98	375642	51.130	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.260%		
62) 4-Bromofluorobenzene	11.085	95	136103	52.450	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	80187	44.042	ug/l	99
3) Chloromethane	1.288	50	60414	39.444	ug/l	99
4) Vinyl Chloride	1.374	62	80293	42.217	ug/l	95
5) Bromomethane	1.612	94	43529	51.194	ug/l	99
6) Chloroethane	1.685	64	46417	44.803	ug/l	98
7) Trichlorofluoromethane	1.886	101	156865	48.811	ug/l	97
8) Diethyl Ether	2.136	74	48884	43.614	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	99013	46.514	ug/l	92
10) Methyl Iodide	2.453	142	113322	54.715	ug/l	97
11) Tert butyl alcohol	2.989	59	110626	239.577	ug/l	98
12) 1,1-Dichloroethene	2.319	96	97930	47.640	ug/l	92
13) Acrolein	2.239	56	97685	234.465	ug/l	98
14) Allyl chloride	2.666	41	116024	42.500	ug/l #	88
15) Acrylonitrile	3.069	53	243348	227.973	ug/l	98
16) Acetone	2.392	43	196608	223.688	ug/l	99
17) Carbon Disulfide	2.514	76	235127	44.044	ug/l	98
18) Methyl Acetate	2.709	43	110362	43.696	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	304914	48.165	ug/l	92
20) Methylene Chloride	2.794	84	106068	49.576	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	103189	45.112	ug/l	91
22) Diisopropyl ether	3.764	45	245305	44.594	ug/l #	94
23) Vinyl Acetate	3.727	43	1021596	229.926	ug/l #	88
24) 1,1-Dichloroethane	3.611	63	168361	45.422	ug/l	98
25) 2-Butanone	4.568	43	301262	222.019	ug/l #	84
26) 2,2-Dichloropropane	4.483	77	121145	40.957	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	123308	48.099	ug/l	90
28) Bromochloromethane	4.910	49	46410	42.261	ug/l #	49
29) Tetrahydrofuran	5.013	42	188786	215.806	ug/l #	77
30) Chloroform	5.099	83	192973	47.475	ug/l	96
31) Cyclohexane	5.477	56	135893	43.693	ug/l #	84
32) 1,1,1-Trichloroethane	5.391	97	174066	49.956	ug/l	95
36) 1,1-Dichloropropene	5.696	75	134887	48.241	ug/l	96
37) Ethyl Acetate	4.721	43	116963	48.144	ug/l #	94
38) Carbon Tetrachloride	5.684	117	157105	54.129	ug/l	97
39) Methylcyclohexane	7.385	83	166619	48.082	ug/l	93
40) Benzene	6.044	78	405057	50.457	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
 Data File : VX031079.D
 Acq On : 02 Sep 2022 19:56
 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 09/03/2022
 Supervised By : Mahesh Dadoda 09/06/2022

Quant Time: Sep 03 00:51:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	63648	49.140	ug/l #	86
42) 1,2-Dichloroethane	6.092	62	137289	51.843	ug/l	99
43) Isopropyl Acetate	6.348	43	182844	48.155	ug/l #	90
44) Trichloroethene	7.129	130	130572	51.387	ug/l	93
45) 1,2-Dichloropropane	7.434	63	98244	47.744	ug/l	99
46) Dibromomethane	7.586	93	78418	50.917	ug/l #	89
47) Bromodichloromethane	7.824	83	147798	51.367	ug/l	99
48) Methyl methacrylate	7.696	41	89514	46.698	ug/l #	83
49) 1,4-Dioxane	7.684	88	59424	1019.208	ug/l #	88
51) 4-Methyl-2-Pentanone	8.580	43	585751	239.976	ug/l #	87
52) Toluene	8.720	92	266890	51.265	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	151379	53.135	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	164504	51.640	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	115876	52.355	ug/l	96
56) Ethyl methacrylate	9.122	69	159811	52.817	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	174543	49.876	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	361654	239.361	ug/l #	89
59) 2-Hexanone	9.433	43	450842	244.248	ug/l	86
60) Dibromochloromethane	9.525	129	127299	55.392	ug/l	98
61) 1,2-Dibromoethane	9.610	107	127894	54.735	ug/l	98
64) Tetrachloroethene	9.275	164	135623	53.627	ug/l	97
65) Chlorobenzene	10.080	112	298829	49.398	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	116796	52.287	ug/l	99
67) Ethyl Benzene	10.195	91	518585	50.038	ug/l	99
68) m/p-Xylenes	10.305	106	409571	100.763	ug/l	99
69) o-Xylene	10.647	106	207283	51.998	ug/l	99
70) Styrene	10.659	104	338104	52.409	ug/l	99
71) Bromoform	10.805	173	99100	57.056	ug/l	99
73) Isopropylbenzene	10.964	105	528187	50.410	ug/l	100
74) N-amyl acetate	10.848	43	149861	47.384	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	11.213	83	158284	47.239	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	145757m	47.437	ug/l	
77) Bromobenzene	11.201	156	137897	51.045	ug/l	86
78) n-propylbenzene	11.305	91	600178	50.293	ug/l	98
79) 2-Chlorotoluene	11.366	91	356487	48.512	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	450464	51.088	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	47685	48.773	ug/l	94
82) 4-Chlorotoluene	11.457	91	408965	49.739	ug/l	96
83) tert-Butylbenzene	11.719	119	435787	49.657	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	449354	51.273	ug/l	100
85) sec-Butylbenzene	11.890	105	557870	48.532	ug/l	98
86) p-Isopropyltoluene	12.012	119	471997	51.848	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	255888	49.450	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	256357	49.745	ug/l	97
89) n-Butylbenzene	12.335	91	396683	48.327	ug/l	98
90) Hexachloroethane	12.543	117	82547	50.036	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	254633	47.978	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39765	48.709	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	195529	58.212	ug/l	98
94) Hexachlorobutadiene	13.725	225	82477	56.082	ug/l	98
95) Naphthalene	13.780	128	661400	56.139	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	202440	57.456	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
Data File : VX031079.D
Acq On : 02 Sep 2022 19:56
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 09/03/2022
Supervised By : Mahesh Dadoda 09/06/2022

Quant Time: Sep 03 00:51:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 02 02:49:21 2022
Response via : Initial Calibration

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

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

