

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080620\
 Data File : VX017797.D
 Acq On : 06 Aug 2020 10:08
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/7/2020 4:32:32 PM

Quant Time: Aug 06 15:28:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	391851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	579284	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	564581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	293138	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	255951	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
35) Dibromofluoromethane	5.46	113	198798	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
50) Toluene-d8	8.70	98	727465	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
62) 4-Bromofluorobenzene	11.12	95	276457	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	170733	46.900	ug/l	99
3) Chloromethane	1.32	50	206786	42.746	ug/l	99
4) Vinyl Chloride	1.39	62	229155	46.473	ug/l	98
5) Bromomethane	1.62	94	143159	54.276	ug/l	97
6) Chloroethane	1.71	64	146620	53.984	ug/l	99
7) Trichlorofluoromethane	1.92	101	393318	50.713	ug/l	100
8) Diethyl Ether	2.17	74	137402	54.774	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	213685	50.206	ug/l	97
10) Methyl Iodide	2.49	142	276296	50.742	ug/l	96
11) Tert butyl alcohol	3.01	59	330165	311.226	ug/l	99
12) 1,1-Dichloroethene	2.36	96	201648	49.822	ug/l	94
13) Acrolein	2.27	56	216682	267.235	ug/l	100
14) Allyl chloride	2.71	41	391749	53.008	ug/l	96
15) Acrylonitrile	3.12	53	669553	292.213	ug/l	100
16) Acetone	2.42	43	595448	268.774	ug/l	97
17) Carbon Disulfide	2.55	76	533027	43.328	ug/l	99
18) Methyl Acetate	2.75	43	340298	65.221	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	720643	51.442	ug/l	99
20) Methylene Chloride	2.84	84	241366	58.054	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	211183	48.706	ug/l	97
22) Diisopropyl ether	3.82	45	622107	46.037	ug/l	92
23) Vinyl Acetate	3.78	43	2824251	234.404	ug/l	99
24) 1,1-Dichloroethane	3.67	63	360875	46.359	ug/l	99
25) 2-Butanone	4.64	43	828406	263.217	ug/l	97
26) 2,2-Dichloropropane	4.55	77	375981	53.958	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	227505	48.308	ug/l	100
28) Bromochloromethane	4.98	49	170738	48.401	ug/l	96
29) Tetrahydrofuran	5.09	42	516923	265.160	ug/l	97
30) Chloroform	5.18	83	412778	51.896	ug/l	100
31) Cyclohexane	5.55	56	289355	46.613	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	388290	51.770	ug/l	99
36) 1,1-Dichloropropene	5.76	75	292914	52.722	ug/l	99
37) Ethyl Acetate	4.80	43	318812	52.445	ug/l	100
38) Carbon Tetrachloride	5.75	117	371627	55.082	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	309882	47.779	ug/l	95
40) Benzene	6.11	78	839740	52.720	ug/l	97
41) Methacrylonitrile	5.00	41	179936	51.640	ug/l	96
42) 1,2-Dichloroethane	6.16	62	357405	54.847	ug/l	100
43) Isopropyl Acetate	6.41	43	542459	54.084	ug/l	99
44) Trichloroethene	7.18	130	249306	53.557	ug/l	94
45) 1,2-Dichloropropane	7.49	63	226059	51.196	ug/l	97
46) Dibromomethane	7.63	93	159816	51.214	ug/l	99
47) Bromodichloromethane	7.87	83	353649	56.323	ug/l	98
48) Methyl methacrylate	7.74	41	268729	54.051	ug/l	96
49) 1,4-Dioxane	7.71	88	103610	1086.968	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1763197	294.629	ug/l	100
52) Toluene	8.76	92	545210	53.373	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	390733	55.590	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	426886	59.543	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	239717	56.333	ug/l	97
56) Ethyl methacrylate	9.16	69	371433	57.936	ug/l	99
57) 1,3-Dichloropropane	9.35	76	377043	53.809	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	883941	261.703	ug/l	98
59) 2-Hexanone	9.47	43	1323000	293.632	ug/l	100
60) Dibromochloromethane	9.57	129	296239	54.771	ug/l	98
61) 1,2-Dibromoethane	9.65	107	278485	61.469	ug/l	99
64) Tetrachloroethene	9.32	164	260126	51.334	ug/l	98
65) Chlorobenzene	10.12	112	620302	50.759	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	259788	52.674	ug/l	100
67) Ethyl Benzene	10.24	91	1064246	52.171	ug/l	97
68) m/p-Xylenes	10.34	106	820015	103.765	ug/l	97
69) o-Xylene	10.68	106	402554	52.964	ug/l	97
70) Styrene	10.70	104	704087	54.447	ug/l	99
71) Bromoform	10.84	173	221174	51.761	ug/l #	98
73) Isopropylbenzene	11.00	105	1086622	54.034	ug/l	100
74) N-amyl acetate	10.88	43	480500	53.778	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	350796	55.886	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	355218m	58.909	ug/l	
77) Bromobenzene	11.24	156	304817	54.144	ug/l	97
78) n-propylbenzene	11.34	91	1362749	60.084	ug/l	98
79) 2-Chlorotoluene	11.40	91	789593	56.200	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1004420	58.499	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	128997	53.905	ug/l #	91
82) 4-Chlorotoluene	11.49	91	946808	57.129	ug/l	99
83) tert-Butylbenzene	11.76	119	873873	53.190	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	941742	55.145	ug/l	99
85) sec-Butylbenzene	11.93	105	1054596	55.103	ug/l	99
86) p-Isopropyltoluene	12.05	119	991109	54.379	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	483948	50.058	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	505195	50.449	ug/l	98
89) n-Butylbenzene	12.37	91	851953	52.459	ug/l	100
90) Hexachloroethane	12.58	117	184555	51.362	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	477892	50.295	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	90679	51.027	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	338168	52.148	ug/l	98
94) Hexachlorobutadiene	13.77	225	147424	49.387	ug/l	99
95) Naphthalene	13.82	128	1038541	53.648	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	336679	52.581	ug/l	100

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

