

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080620\
 Data File : VX017805.D
 Acq On : 06 Aug 2020 13:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/7/2020 4:32:37 PM

Quant Time: Aug 06 15:44:32 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	435873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	667337	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	644765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	357283	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	303707	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
35) Dibromofluoromethane	5.46	113	244810	54.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.70%	
50) Toluene-d8	8.70	98	865669	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
62) 4-Bromofluorobenzene	11.12	95	357528	55.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	183218	45.210	ug/l	98
3) Chloromethane	1.32	50	209068	38.886	ug/l	99
4) Vinyl Chloride	1.39	62	212659	38.771	ug/l	100
5) Bromomethane	1.62	94	130822	44.010	ug/l	95
6) Chloroethane	1.70	64	130374	42.998	ug/l	99
7) Trichlorofluoromethane	1.91	101	377844	43.797	ug/l	100
8) Diethyl Ether	2.17	74	126226	44.993	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	197108	41.634	ug/l	97
10) Methyl Iodide	2.49	142	264587	43.684	ug/l	98
11) Tert butyl alcohol	3.03	59	322711	273.476	ug/l	99
12) 1,1-Dichloroethene	2.36	96	181610	40.339	ug/l	99
13) Acrolein	2.28	56	174187	194.279	ug/l	97
14) Allyl chloride	2.70	41	375488	45.676	ug/l	99
15) Acrylonitrile	3.12	53	694378	272.441	ug/l	100
16) Acetone	2.42	43	594107	241.085	ug/l	94
17) Carbon Disulfide	2.54	76	530852	38.793	ug/l	98
18) Methyl Acetate	2.75	43	337082	58.080	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	764561	49.065	ug/l	97
20) Methylene Chloride	2.83	84	242573	52.325	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	218847	45.375	ug/l	99
22) Diisopropyl ether	3.83	45	762241	50.710	ug/l	98
23) Vinyl Acetate	3.79	43	3411894	254.576	ug/l	100
24) 1,1-Dichloroethane	3.67	63	426590	49.266	ug/l	99
25) 2-Butanone	4.64	43	1000222	285.712	ug/l	95
26) 2,2-Dichloropropane	4.55	77	354080	45.683	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	258603	49.365	ug/l	98
28) Bromochloromethane	4.98	49	194104	49.468	ug/l	97
29) Tetrahydrofuran	5.09	42	631576	291.252	ug/l	100
30) Chloroform	5.18	83	458003	51.767	ug/l	97
31) Cyclohexane	5.54	56	330243	47.827	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	422456	50.636	ug/l	99
36) 1,1-Dichloropropene	5.77	75	315617	49.313	ug/l	99
37) Ethyl Acetate	4.80	43	376185	53.718	ug/l	99
38) Carbon Tetrachloride	5.76	117	392385	50.485	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	344511	46.109	ug/l	99
40) Benzene	6.11	78	919038	50.085	ug/l	100
41) Methacrylonitrile	5.01	41	209802	52.267	ug/l	97
42) 1,2-Dichloroethane	6.16	62	382148	50.906	ug/l	100
43) Isopropyl Acetate	6.42	43	604688	52.334	ug/l	99
44) Trichloroethene	7.19	130	274330	51.157	ug/l	96
45) 1,2-Dichloropropane	7.49	63	250868	49.318	ug/l	99
46) Dibromomethane	7.64	93	176993	49.235	ug/l	98
47) Bromodichloromethane	7.87	83	380995	52.672	ug/l	100
48) Methyl methacrylate	7.75	41	306100	53.444	ug/l	98
49) 1,4-Dioxane	7.71	88	126171	1149.003	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2002184	290.418	ug/l	100
52) Toluene	8.77	92	601970	51.154	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	412791	50.980	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	426316	51.618	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	268952	54.863	ug/l	99
56) Ethyl methacrylate	9.16	69	413435	55.979	ug/l	97
57) 1,3-Dichloropropane	9.35	76	427424	52.951	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1004096	258.052	ug/l	100
59) 2-Hexanone	9.48	43	1549787	298.581	ug/l	99
60) Dibromochloromethane	9.57	129	326762	52.443	ug/l	100
61) 1,2-Dibromoethane	9.65	107	289514	55.471	ug/l	99
64) Tetrachloroethene	9.32	164	279675	48.329	ug/l	95
65) Chlorobenzene	10.12	112	687938	49.293	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	286243	50.820	ug/l	99
67) Ethyl Benzene	10.24	91	1194291	51.265	ug/l	97
68) m/p-Xylenes	10.34	106	910135	100.846	ug/l	94
69) o-Xylene	10.68	106	435206	50.139	ug/l	98
70) Styrene	10.70	104	786989	53.289	ug/l	98
71) Bromoform	10.84	173	255157	52.287	ug/l #	99
73) Isopropylbenzene	11.01	105	1236651	50.454	ug/l	100
74) N-amyl acetate	10.88	43	559386	51.367	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	383079	50.072	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	375051m	51.031	ug/l	
77) Bromobenzene	11.24	156	326044	47.516	ug/l	98
78) n-propylbenzene	11.35	91	1399468	50.625	ug/l	99
79) 2-Chlorotoluene	11.41	91	836990	48.878	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1044921	49.932	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	145706	49.956	ug/l	97
82) 4-Chlorotoluene	11.49	91	1005503	49.778	ug/l	99
83) tert-Butylbenzene	11.76	119	1010851	50.481	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1065030	51.168	ug/l	99
85) sec-Butylbenzene	11.93	105	1194745	51.218	ug/l	100
86) p-Isopropyltoluene	12.05	119	1122453	50.529	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	566789	48.101	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	565725	46.351	ug/l	99
89) n-Butylbenzene	12.37	91	970759	49.043	ug/l	100
90) Hexachloroethane	12.58	117	218115	49.803	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	543784	46.955	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	104924	48.573	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	378633	47.905	ug/l	99
94) Hexachlorobutadiene	13.77	225	164953	45.338	ug/l	99
95) Naphthalene	13.82	128	1232463	52.235	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	382215	48.976	ug/l	99

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

