

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071420\
 Data File : VX017382.D
 Acq On : 14 Jul 2020 16:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/15/2020 11:43:29 AM

Quant Time: Jul 15 02:04:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	282821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	433708	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	420414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	231219	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	174165	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
35) Dibromofluoromethane	5.47	113	142639	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
50) Toluene-d8	8.70	98	519422	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	11.12	95	209600	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	129914	54.286	ug/l	100
3) Chloromethane	1.31	50	137621	51.080	ug/l	99
4) Vinyl Chloride	1.39	62	137204	51.477	ug/l	100
5) Bromomethane	1.62	94	87538	50.451	ug/l	98
6) Chloroethane	1.71	64	86569	51.456	ug/l	100
7) Trichlorofluoromethane	1.92	101	228545	50.803	ug/l	97
8) Diethyl Ether	2.17	74	79786	50.174	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	131465	51.300	ug/l	99
10) Methyl Iodide	2.49	142	162156	47.851	ug/l	98
11) Tert butyl alcohol	3.01	59	161293	269.698	ug/l	100
12) 1,1-Dichloroethene	2.36	96	132626	51.530	ug/l	93
13) Acrolein	2.28	56	92074	280.853	ug/l	100
14) Allyl chloride	2.71	41	234366	52.553	ug/l	98
15) Acrylonitrile	3.12	53	388123	267.713	ug/l	99
16) Acetone	2.42	43	321990	254.264	ug/l	98
17) Carbon Disulfide	2.55	76	385009	51.279	ug/l	99
18) Methyl Acetate	2.75	43	164239	52.510	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	468600	53.620	ug/l	99
20) Methylene Chloride	2.84	84	153237	49.596	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	151017	51.284	ug/l	98
22) Diisopropyl ether	3.82	45	457470	53.851	ug/l	99
23) Vinyl Acetate	3.79	43	2058119	275.477	ug/l	99
24) 1,1-Dichloroethane	3.67	63	257880	51.653	ug/l	99
25) 2-Butanone	4.64	43	528426	262.721	ug/l	98
26) 2,2-Dichloropropane	4.56	77	218479	47.021	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	164102	50.818	ug/l	99
28) Bromochloromethane	4.98	49	117271	50.847	ug/l	98
29) Tetrahydrofuran	5.09	42	343871	264.112	ug/l	99
30) Chloroform	5.18	83	274602	51.123	ug/l	95
31) Cyclohexane	5.55	56	211049	51.638	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	251495	50.647	ug/l	98
36) 1,1-Dichloropropene	5.77	75	197684	49.553	ug/l	99
37) Ethyl Acetate	4.79	43	209581	50.800	ug/l	100
38) Carbon Tetrachloride	5.76	117	230504	49.350	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	213247	49.224	ug/l	99
40) Benzene	6.12	78	583784	50.920	ug/l	99
41) Methacrylonitrile	5.00	41	117884	53.225	ug/l	97
42) 1,2-Dichloroethane	6.17	62	223234	50.116	ug/l	100
43) Isopropyl Acetate	6.42	43	334941	50.807	ug/l	99
44) Trichloroethene	7.19	130	172599	49.286	ug/l	96
45) 1,2-Dichloropropane	7.49	63	151251	51.559	ug/l	98
46) Dibromomethane	7.64	93	108235	51.158	ug/l	98
47) Bromodichloromethane	7.88	83	224729	50.806	ug/l	99
48) Methyl methacrylate	7.74	41	169963	53.726	ug/l	99
49) 1,4-Dioxane	7.71	88	70155	1083.661	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1067238	265.503	ug/l	99
52) Toluene	8.76	92	376980	51.239	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	243032	51.001	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	258352	50.832	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	159023	51.834	ug/l	99
56) Ethyl methacrylate	9.16	69	232656	53.415	ug/l	100
57) 1,3-Dichloropropane	9.35	76	259782	50.905	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	603489	272.878	ug/l	100
59) 2-Hexanone	9.47	43	801928	264.324	ug/l	100
60) Dibromochloromethane	9.57	129	189289	50.505	ug/l	99
61) 1,2-Dibromoethane	9.65	107	171850	51.492	ug/l	100
64) Tetrachloroethene	9.32	164	170515	46.860	ug/l	97
65) Chlorobenzene	10.12	112	424388	49.673	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	168942	49.666	ug/l	99
67) Ethyl Benzene	10.24	91	722419	50.793	ug/l	100
68) m/p-Xylenes	10.34	106	563084	104.052	ug/l	99
69) o-Xylene	10.68	106	267496	51.730	ug/l	99
70) Styrene	10.70	104	478927	53.956	ug/l	99
71) Bromoform	10.84	173	145723	50.768	ug/l #	100
73) Isopropylbenzene	11.00	105	723605	49.923	ug/l	99
74) N-amyl acetate	10.88	43	309947	53.437	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	223684	50.828	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	215658m	50.475	ug/l	
77) Bromobenzene	11.24	156	202711	49.104	ug/l	98
78) n-propylbenzene	11.34	91	819335	50.333	ug/l	100
79) 2-Chlorotoluene	11.40	91	501896	50.032	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	625321	50.824	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	81200	48.212	ug/l	100
82) 4-Chlorotoluene	11.49	91	606562	51.021	ug/l	99
83) tert-Butylbenzene	11.76	119	596989	50.194	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	639368	51.437	ug/l	99
85) sec-Butylbenzene	11.93	105	695311	49.934	ug/l	100
86) p-Isopropyltoluene	12.05	119	668235	50.718	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	349381	47.310	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	346537	46.446	ug/l	99
89) n-Butylbenzene	12.37	91	551835	49.111	ug/l	99
90) Hexachloroethane	12.58	117	121665	48.640	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	338017	48.706	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	52773	45.446	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	221398	45.957	ug/l	97
94) Hexachlorobutadiene	13.76	225	91400	46.523	ug/l	98
95) Naphthalene	13.82	128	721472	50.935	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	218696	46.995	ug/l	99

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

