

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100920\
 Data File : VX018850.D
 Acq On : 09 Oct 2020 11:40
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 2:23:21 PM

Quant Time: Oct 09 13:45:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 09 13:36:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	196105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	289251	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	276049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	148885	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	17146	6.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	12.24%	
35) Dibromofluoromethane	5.45	113	12194	6.03	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	12.06%	
50) Toluene-d8	8.70	98	40315	5.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.08%	
62) 4-Bromofluorobenzene	11.12	95	14281	4.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.80%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	8401	4.369 ug/l	93
3) Chloromethane	1.31	50	8443	3.964 ug/l	92
4) Vinyl Chloride	1.39	62	9688	4.283 ug/l	92
5) Bromomethane	1.63	94	5873	4.379 ug/l	85
6) Chloroethane	1.71	64	7284	5.545 ug/l #	86
7) Trichlorofluoromethane	1.92	101	21150	5.892 ug/l	86
8) Diethyl Ether	2.17	74	6205	5.086 ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	11130	5.909 ug/l	97
10) Methyl Iodide	2.49	142	7145	3.642 ug/l	94
11) Tert butyl alcohol	3.01	59	11872	24.883 ug/l	94
12) 1,1-Dichloroethene	2.36	96	10120	5.375 ug/l	96
13) Acrolein	2.27	56	11355	35.799 ug/l	98
14) Allyl chloride	2.71	41	17457	4.838 ug/l	97
15) Acrylonitrile	3.12	53	25230	22.628 ug/l	99
16) Acetone	2.42	43	34660	32.185 ug/l	98
17) Carbon Disulfide	2.55	76	28442	5.075 ug/l	98
18) Methyl Acetate	2.75	43	12676	4.939 ug/l	97
19) Methyl tert-butyl Ether	3.17	73	32132	4.896 ug/l	100
20) Methylene Chloride	2.83	84	12974	5.603 ug/l	92
21) trans-1,2-Dichloroethene	3.14	96	11197	5.108 ug/l	91
22) Diisopropyl ether	3.82	45	31337	4.662 ug/l	89
23) Vinyl Acetate	3.78	43	145179	23.974 ug/l	99
24) 1,1-Dichloroethane	3.67	63	21350	5.393 ug/l	94
25) 2-Butanone	4.63	43	40930	25.036 ug/l	100
26) 2,2-Dichloropropane	4.54	77	21025	5.678 ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	12847	5.252 ug/l	98
28) Bromochloromethane	4.97	49	10780	5.885 ug/l	89
29) Tetrahydrofuran	5.09	42	21316	21.254 ug/l	97
30) Chloroform	5.17	83	23919	5.881 ug/l	97
31) Cyclohexane	5.55	56	14047	4.351 ug/l #	87
32) 1,1,1-Trichloroethane	5.46	97	22782	5.957 ug/l	98
36) 1,1-Dichloropropene	5.77	75	17100	6.063 ug/l	97
37) Ethyl Acetate	4.78	43	14571	4.878 ug/l #	92
38) Carbon Tetrachloride	5.75	117	21789	6.812 ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	14351	4.648	ug/l	94
40) Benzene	6.11	78	45355	5.644	ug/l	98
41) Methacrylonitrile	4.99	41	8768	5.273	ug/l #	96
42) 1,2-Dichloroethane	6.16	62	21646	6.749	ug/l	100
43) Isopropyl Acetate	6.41	43	25913	5.248	ug/l	98
44) Trichloroethene	7.18	130	14326	6.140	ug/l	86
45) 1,2-Dichloropropane	7.49	63	12127	5.522	ug/l	96
46) Dibromomethane	7.63	93	9469	6.225	ug/l	95
47) Bromodichloromethane	7.87	83	19342	6.225	ug/l	96
48) Methyl methacrylate	7.74	41	12824	5.298	ug/l	92
49) 1,4-Dioxane	7.72	88	3816	97.610	ug/l #	88
51) 4-Methyl-2-Pentanone	8.62	43	74161	25.112	ug/l	99
52) Toluene	8.76	92	29942	5.874	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	18858	5.387	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	20422	5.707	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	13123	6.214	ug/l	91
56) Ethyl methacrylate	9.16	69	14871	4.803	ug/l	97
57) 1,3-Dichloropropane	9.35	76	20489	5.773	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.29	63	44842	27.101	ug/l	98
59) 2-Hexanone	9.47	43	55746	24.821	ug/l	93
60) Dibromochloromethane	9.56	129	15829	6.234	ug/l	96
61) 1,2-Dibromoethane	9.65	107	13397	5.950	ug/l	98
64) Tetrachloroethene	9.32	164	13173	6.085	ug/l	93
65) Chlorobenzene	10.12	112	33987	5.944	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	14139	6.158	ug/l	98
67) Ethyl Benzene	10.23	91	52617	5.309	ug/l	100
68) m/p-Xylenes	10.34	106	40969	10.901	ug/l	100
69) o-Xylene	10.68	106	19463	5.486	ug/l	94
70) Styrene	10.70	104	31490	5.150	ug/l	97
71) Bromoform	10.84	173	11271	5.812	ug/l #	94
73) Isopropylbenzene	11.00	105	51849	5.200	ug/l	99
74) N-amyl acetate	10.88	43	17788	4.036	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	18973	5.803	ug/l	95
76) 1,2,3-Trichloropropane	11.28	75	17690m	5.667	ug/l	
77) Bromobenzene	11.24	156	14328	5.212	ug/l	94
78) n-propylbenzene	11.34	91	58512	5.044	ug/l	99
79) 2-Chlorotoluene	11.40	91	37628	5.343	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	44477	5.208	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	6071	5.061	ug/l	99
82) 4-Chlorotoluene	11.49	91	45634	5.440	ug/l	99
83) tert-Butylbenzene	11.76	119	43880	5.287	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	43918	5.122	ug/l	99
85) sec-Butylbenzene	11.93	105	48242	4.952	ug/l	99
86) p-Isopropyltoluene	12.05	119	45342	5.037	ug/l	94
87) 1,3-Dichlorobenzene	12.01	146	27283	5.521	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	28475	5.707	ug/l	96
89) n-Butylbenzene	12.37	91	40513	4.916	ug/l	98
90) Hexachloroethane	12.58	117	8716	4.935	ug/l	94
91) 1,2-Dichlorobenzene	12.37	146	26282	5.666	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	4333	5.421	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	14890	4.655	ug/l	95
94) Hexachlorobutadiene	13.77	225	7487	5.570	ug/l	94
95) Naphthalene	13.82	128	37447	3.880	ug/l	97
96) 1,2,3-Trichlorobenzene	14.00	180	14604	4.766	ug/l	94

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

