

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102620\
 Data File : VX019123.D
 Acq On : 26 Oct 2020 17:02
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 6:55:22 PM

Quant Time: Oct 26 19:10:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102620W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 26 18:50:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	165649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	270593	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	241208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	115404	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.18	85	1172	0.905	ug/l	100
3) Chloromethane	1.31	50	1464	1.034	ug/l	92
4) Vinyl Chloride	1.39	62	1680	0.948	ug/l	100
6) Chloroethane	1.72	64	1126	0.939	ug/l	94
7) Trichlorofluoromethane	1.92	101	2724	0.904	ug/l	97
8) Diethyl Ether	2.17	74	1133	0.947	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1454	0.960	ug/l	98
12) 1,1-Dichloroethene	2.36	96	1445	0.951	ug/l	95
14) Allyl chloride	2.70	41	1987	1.011	ug/l	94
15) Acrylonitrile	3.12	53	3490	4.427	ug/l	99
16) Acetone	2.42	43	3422	5.323	ug/l	97
17) Carbon Disulfide	2.55	76	4020	0.958	ug/l	100
18) Methyl Acetate	2.75	43	1732	1.092	ug/l	89
19) Methyl tert-butyl Ether	3.16	73	4687	0.902	ug/l	98
20) Methylene Chloride	2.83	84	2080	1.102	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	1810	1.006	ug/l #	81
22) Diisopropyl ether	3.82	45	3712	0.892	ug/l #	75
23) Vinyl Acetate	3.78	43	15475	4.285	ug/l	97
24) 1,1-Dichloroethane	3.67	63	2408	0.874	ug/l	99
25) 2-Butanone	4.65	43	4895	4.851	ug/l	95
26) 2,2-Dichloropropane	4.55	77	2384	0.914	ug/l	93
27) cis-1,2-Dichloroethene	4.56	96	1852	0.921	ug/l	98
28) Bromochloromethane	4.98	49	1104	0.931	ug/l #	91
29) Tetrahydrofuran	5.09	42	2901	4.576	ug/l	92
30) Chloroform	5.17	83	2810	0.916	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	2397	0.888	ug/l #	48
36) 1,1-Dichloropropene	5.77	75	2175	0.935	ug/l	97
37) Ethyl Acetate	4.79	43	2079	1.025	ug/l #	88
38) Carbon Tetrachloride	5.74	117	2228	0.948	ug/l	90
39) Methylcyclohexane	7.44	83	2540	0.898	ug/l	94
40) Benzene	6.10	78	6350	0.928	ug/l	94
41) Methacrylonitrile	5.01	41	989	0.961	ug/l #	91
42) 1,2-Dichloroethane	6.16	62	2067	0.897	ug/l	93
43) Isopropyl Acetate	6.41	43	3095	0.946	ug/l #	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.19	130	1839	0.941	ug/l	96
45) 1,2-Dichloropropane	7.48	63	1414	0.892	ug/l	96
46) Dibromomethane	7.63	93	1065	0.890	ug/l	93
47) Bromodichloromethane	7.87	83	1996	0.872	ug/l	91
48) Methyl methacrylate	7.75	41	1388	0.914	ug/l	90
49) 1,4-Dioxane	7.73	88	639	15.816	ug/l #	81
51) 4-Methyl-2-Pentanone	8.62	43	8162	4.321	ug/l	99
52) Toluene	8.76	92	3919	0.898	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	2190	0.875	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	2292	0.851	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	1540	0.887	ug/l	89
56) Ethyl methacrylate	9.16	69	2043	0.841	ug/l #	86
57) 1,3-Dichloropropane	9.35	76	2580	0.902	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	6821	5.027	ug/l	97
59) 2-Hexanone	9.48	43	6179	4.346	ug/l	94
60) Dibromochloromethane	9.56	129	1404	0.795	ug/l	93
61) 1,2-Dibromoethane	9.65	107	1613	0.885	ug/l	96
64) Tetrachloroethene	9.32	164	1897	1.021	ug/l	91
65) Chlorobenzene	10.12	112	4249	0.912	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	1410	0.858	ug/l #	63
67) Ethyl Benzene	10.23	91	7423	0.906	ug/l	98
68) m/p-Xylenes	10.34	106	5480	1.754	ug/l	96
69) o-Xylene	10.68	106	2591	0.871	ug/l	97
70) Styrene	10.70	104	4111	0.843	ug/l	97
71) Bromoform	10.84	173	1002	0.821	ug/l #	94
73) Isopropylbenzene	11.00	105	7137	0.930	ug/l	95
74) N-amyl acetate	10.88	43	2036	0.867	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	2211	0.925	ug/l	94
76) 1,2,3-Trichloropropane	11.28	75	1871m	0.738	ug/l	
77) Bromobenzene	11.24	156	1796	0.949	ug/l	89
78) n-propylbenzene	11.34	91	7882	0.921	ug/l	98
79) 2-Chlorotoluene	11.40	91	4846	0.963	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	5564	0.898	ug/l	99
82) 4-Chlorotoluene	11.49	91	5449	0.921	ug/l	99
83) tert-Butylbenzene	11.76	119	5493	0.900	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	5600	0.891	ug/l	99
85) sec-Butylbenzene	11.93	105	6412	0.875	ug/l	99
86) p-Isopropyltoluene	12.05	119	5768	0.864	ug/l	89
87) 1,3-Dichlorobenzene	12.01	146	3396	0.967	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	3841m	1.063	ug/l	
89) n-Butylbenzene	12.37	91	5553	0.908	ug/l	100
90) Hexachloroethane	12.58	117	920	0.860	ug/l	87
91) 1,2-Dichlorobenzene	12.37	146	3285	0.948	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	422	0.837	ug/l	96
93) 1,2,4-Trichlorobenzene	13.63	180	2256	0.954	ug/l	97
94) Hexachlorobutadiene	13.76	225	1025	0.959	ug/l	89
95) Naphthalene	13.82	128	6543	0.886	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	2239	0.962	ug/l	95

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

