

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102020\
 Data File : VX018978.D
 Acq On : 20 Oct 2020 16:21
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Oct 20 18:27:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102020W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 20 18:15:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	160221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	287130	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	264447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	128798	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	1130	0.817 ug/l	97
3) Chloromethane	1.31	50	1546	1.010 ug/l #	87
4) Vinyl Chloride	1.39	62	2053	0.973 ug/l	98
6) Chloroethane	1.72	64	1634	1.027 ug/l	99
7) Trichlorofluoromethane	1.92	101	3251	0.905 ug/l	96
8) Diethyl Ether	2.17	74	1385	0.977 ug/l	83
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1997	1.039 ug/l	89
12) 1,1-Dichloroethene	2.35	96	2253	1.092 ug/l	91
14) Allyl chloride	2.71	41	1946	0.889 ug/l	88
15) Acrylonitrile	3.11	53	4003	4.845 ug/l	98
16) Acetone	2.42	43	3897	4.487 ug/l	99
17) Carbon Disulfide	2.54	76	5068	1.131 ug/l	95
18) Methyl Acetate	2.75	43	1621	0.924 ug/l	99
19) Methyl tert-butyl Ether	3.16	73	4928	0.933 ug/l	100
20) Methylene Chloride	2.83	84	1975	1.063 ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	1824	0.966 ug/l	96
22) Diisopropyl ether	3.82	45	4023	0.916 ug/l	91
23) Vinyl Acetate	3.78	43	17332	4.127 ug/l	99
24) 1,1-Dichloroethane	3.67	63	2820	0.902 ug/l	98
25) 2-Butanone	4.64	43	5494	4.624 ug/l	99
26) 2,2-Dichloropropane	4.55	77	2937	0.973 ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	2146	0.976 ug/l	95
28) Bromochloromethane	4.97	49	1463	1.105 ug/l #	96
29) Tetrahydrofuran	5.09	42	3776	5.429 ug/l #	84
30) Chloroform	5.17	83	3084	0.886 ug/l	93
32) 1,1,1-Trichloroethane	5.46	97	2772	0.886 ug/l #	47
36) 1,1-Dichloropropene	5.77	75	2694	0.996 ug/l	95
37) Ethyl Acetate	4.79	43	2136	0.921 ug/l #	91
38) Carbon Tetrachloride	5.74	117	2413	0.865 ug/l #	83
39) Methylcyclohexane	7.43	83	2560	0.866 ug/l	95
40) Benzene	6.10	78	7019	0.892 ug/l	100
41) Methacrylonitrile	4.99	41	1168	0.915 ug/l #	82
42) 1,2-Dichloroethane	6.16	62	2361	0.869 ug/l	98
43) Isopropyl Acetate	6.40	43	3499	0.863 ug/l #	82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.18	130	1956	0.885	ug/l	94
45) 1,2-Dichloropropane	7.49	63	1812	0.957	ug/l	95
46) Dibromomethane	7.63	93	1307	0.928	ug/l	94
47) Bromodichloromethane	7.87	83	2469	0.873	ug/l	91
48) Methyl methacrylate	7.74	41	2054	1.101	ug/l	89
49) 1,4-Dioxane	7.71	88	953	20.343	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	10330	4.354	ug/l	96
52) Toluene	8.76	92	4342	0.844	ug/l	94
53) t-1,3-Dichloropropene	9.02	75	2768	0.866	ug/l	91
54) cis-1,3-Dichloropropene	8.42	75	2945	0.873	ug/l	91
55) 1,1,2-Trichloroethane	9.20	97	1793	0.870	ug/l	95
56) Ethyl methacrylate	9.16	69	2567	0.831	ug/l #	85
57) 1,3-Dichloropropane	9.35	76	2970	0.874	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.29	63	7204	4.602	ug/l	98
59) 2-Hexanone	9.47	43	7868	4.284	ug/l	94
60) Dibromochloromethane	9.56	129	1879	0.813	ug/l	95
61) 1,2-Dibromoethane	9.65	107	1930	0.874	ug/l	96
64) Tetrachloroethene	9.32	164	1868	0.871	ug/l #	77
65) Chlorobenzene	10.12	112	5030	0.898	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	1576	0.776	ug/l #	65
67) Ethyl Benzene	10.23	91	8512	0.867	ug/l	100
68) m/p-Xylenes	10.34	106	6472	1.689	ug/l	98
69) o-Xylene	10.68	106	3067	0.846	ug/l	99
70) Styrene	10.70	104	5157	0.833	ug/l	94
71) Bromoform	10.84	173	1241	0.755	ug/l #	93
73) Isopropylbenzene	11.00	105	8124	0.900	ug/l	98
74) N-amyl acetate	10.88	43	3212	1.032	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.25	83	2726	0.943	ug/l	95
76) 1,2,3-Trichloropropane	11.28	75	2585m	0.988	ug/l	
77) Bromobenzene	11.24	156	1924	0.857	ug/l	91
78) n-propylbenzene	11.34	91	9694	0.933	ug/l	99
79) 2-Chlorotoluene	11.40	91	5807	0.955	ug/l	92
80) 1,3,5-Trimethylbenzene	11.49	105	6840	0.893	ug/l	96
82) 4-Chlorotoluene	11.49	91	7368	1.012	ug/l	94
83) tert-Butylbenzene	11.76	119	6298	0.840	ug/l	91
84) 1,2,4-Trimethylbenzene	11.79	105	6807	0.884	ug/l	99
85) sec-Butylbenzene	11.93	105	7947	0.884	ug/l	94
86) p-Isopropyltoluene	12.05	119	7305	0.880	ug/l	94
87) 1,3-Dichlorobenzene	12.01	146	4017	0.963	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	4284m	0.996	ug/l	
89) n-Butylbenzene	12.37	91	7522	0.993	ug/l	93
90) Hexachloroethane	12.58	117	1068	0.805	ug/l	91
91) 1,2-Dichlorobenzene	12.37	146	3780	0.937	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	762	1.147	ug/l	75
93) 1,2,4-Trichlorobenzene	13.63	180	2720	0.984	ug/l	96
94) Hexachlorobutadiene	13.77	225	1173	0.996	ug/l	87
95) Naphthalene	13.82	128	8801	0.956	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	2570	0.973	ug/l	98

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

