

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101920\
 Data File : VX018955.D
 Acq On : 19 Oct 2020 16:16
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 10/20/2020 4:51:56 PM

Quant Time: Oct 19 18:12:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 17:59:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	89603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	158847	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	139978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	61491	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	778	0.750 ug/l	83
3) Chloromethane	1.31	50	966	0.872 ug/l	91
4) Vinyl Chloride	1.39	62	1240	1.075 ug/l	97
7) Trichlorofluoromethane	1.92	101	2047	1.251 ug/l	97
8) Diethyl Ether	2.17	74	839	1.457 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1203	1.350 ug/l	93
12) 1,1-Dichloroethene	2.36	96	1303	1.401 ug/l	95
14) Allyl chloride	2.71	41	1768	1.156 ug/l	90
15) Acrylonitrile	3.11	53	2586	4.781 ug/l	99
16) Acetone	2.42	43	3586	7.453 ug/l	96
17) Carbon Disulfide	2.55	76	3256	1.228 ug/l	96
18) Methyl Acetate	2.75	43	1468	1.268 ug/l #	79
19) Methyl tert-butyl Ether	3.17	73	3159	1.053 ug/l	99
20) Methylene Chloride	2.83	84	1245	1.136 ug/l #	88
21) trans-1,2-Dichloroethene	3.14	96	1159	1.174 ug/l	87
22) Diisopropyl ether	3.82	45	2768	0.915 ug/l #	80
23) Vinyl Acetate	3.78	43	12774	4.698 ug/l	97
24) 1,1-Dichloroethane	3.67	63	1886	1.064 ug/l #	91
25) 2-Butanone	4.64	43	4066	5.167 ug/l	92
26) 2,2-Dichloropropane	4.55	77	1753	1.181 ug/l #	69
27) cis-1,2-Dichloroethene	4.56	96	1351	1.179 ug/l	98
28) Bromochloromethane	4.97	49	737	0.874 ug/l #	91
29) Tetrahydrofuran	5.09	42	2401	4.862 ug/l	91
30) Chloroform	5.18	83	2003	1.080 ug/l	84
32) 1,1,1-Trichloroethane	5.46	97	1796	1.056 ug/l #	50
36) 1,1-Dichloropropene	5.76	75	1657	1.133 ug/l	95
37) Ethyl Acetate	4.80	43	1904	1.148 ug/l #	81
38) Carbon Tetrachloride	5.75	117	1547	0.948 ug/l #	95
39) Methylcyclohexane	7.43	83	1651	1.033 ug/l #	84
40) Benzene	6.11	78	4371	1.012 ug/l	96
41) Methacrylonitrile	5.01	41	941	1.039 ug/l #	82
42) 1,2-Dichloroethane	6.16	62	1469	0.902 ug/l	96
43) Isopropyl Acetate	6.41	43	2700	1.008 ug/l #	89
44) Trichloroethene	7.18	130	1232	1.021 ug/l	94

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45) 1,2-Dichloropropane	7.49	63	1163	1.019	ug/l	91
46) Dibromomethane	7.64	93	784	0.967	ug/l	95
47) Bromodichloromethane	7.88	83	1526	0.946	ug/l #	92
48) Methyl methacrylate	7.75	41	1236	0.936	ug/l	92
49) 1,4-Dioxane	7.71	88	502	20.341	ug/l #	77
51) 4-Methyl-2-Pentanone	8.62	43	7069	4.302	ug/l	94
52) Toluene	8.76	92	2754	1.000	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	1771	0.983	ug/l	94
54) cis-1,3-Dichloropropene	8.42	75	1846	0.970	ug/l	91
55) 1,1,2-Trichloroethane	9.20	97	1042	0.898	ug/l	96
56) Ethyl methacrylate	9.16	69	1586	0.918	ug/l #	82
57) 1,3-Dichloropropane	9.35	76	1882	0.985	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	5595	6.994	ug/l	96
59) 2-Hexanone	9.48	43	5338	4.283	ug/l	92
60) Dibromochloromethane	9.56	129	1047	0.775	ug/l	98
61) 1,2-Dibromoethane	9.65	107	1130	0.897	ug/l	98
64) Tetrachloroethene	9.32	164	1039	1.020	ug/l	90
65) Chlorobenzene	10.12	112	2950	1.051	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	1018	0.930	ug/l #	64
67) Ethyl Benzene	10.23	91	4881	1.021	ug/l	96
68) m/p-Xylenes	10.34	106	3663	2.044	ug/l	91
69) o-Xylene	10.68	106	1889	1.083	ug/l	100
70) Styrene	10.70	104	2987	1.012	ug/l	99
71) Bromoform	10.84	173	641	0.690	ug/l #	95
73) Isopropylbenzene	11.00	105	4614	1.137	ug/l	99
74) N-amyl acetate	10.88	43	1960	1.071	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.25	83	1575	1.103	ug/l	96
76) 1,2,3-Trichloropropane	11.28	75	1435m	1.062	ug/l	
77) Bromobenzene	11.24	156	1062	0.956	ug/l	87
78) n-propylbenzene	11.34	91	5570	1.207	ug/l	94
79) 2-Chlorotoluene	11.40	91	3317	1.173	ug/l	90
80) 1,3,5-Trimethylbenzene	11.49	105	3658	1.093	ug/l	95
82) 4-Chlorotoluene	11.49	91	3937	1.169	ug/l	94
83) tert-Butylbenzene	11.76	119	3703	1.114	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	3640	1.064	ug/l	97
85) sec-Butylbenzene	11.93	105	4424	1.167	ug/l	97
86) p-Isopropyltoluene	12.05	119	4076	1.176	ug/l	93
87) 1,3-Dichlorobenzene	12.01	146	2195	1.113	ug/l	93
88) 1,4-Dichlorobenzene	12.08	146	2363m	1.190	ug/l	
89) n-Butylbenzene	12.37	91	3745	1.179	ug/l	98
90) Hexachloroethane	12.58	117	627	0.943	ug/l	82
91) 1,2-Dichlorobenzene	12.38	146	1963	1.054	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.98	75	324	0.917	ug/l	96
93) 1,2,4-Trichlorobenzene	13.63	180	1491	1.200	ug/l	91
94) Hexachlorobutadiene	13.76	225	599	1.207	ug/l	91
95) Naphthalene	13.82	128	4571	1.111	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1298	1.055	ug/l	94

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

