

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111920\
 Data File : VX019451.D
 Acq On : 18 Nov 2020 13:21
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 11:57:53 AM

Quant Time: Nov 18 16:31:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X111920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 16:21:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	211348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	369720	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	340746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	149959	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	1946	1.028	ug/l	99
3) Chloromethane	1.31	50	3045	1.415	ug/l #	75
4) Vinyl Chloride	1.39	62	2574	1.067	ug/l	95
6) Chloroethane	1.70	64	1452	1.048	ug/l	91
7) Trichlorofluoromethane	1.90	101	3692	1.005	ug/l	91
8) Diethyl Ether	2.17	74	1531	1.080	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.35	101	2173	1.068	ug/l	98
12) 1,1-Dichloroethene	2.34	96	2360	1.131	ug/l	83
14) Allyl chloride	2.70	41	3674	1.125	ug/l	88
15) Acrylonitrile	3.12	53	6087	5.120	ug/l	94
16) Acetone	2.42	43	6707	6.703	ug/l	95
17) Carbon Disulfide	2.54	76	5318	0.838	ug/l #	93
18) Methyl Acetate	2.75	43	3107	1.275	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	7108	0.972	ug/l	94
20) Methylene Chloride	2.83	84	3174	1.299	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	2138	0.889	ug/l	92
22) Diisopropyl ether	3.82	45	6986	1.067	ug/l #	96
23) Vinyl Acetate	3.78	43	26876	4.631	ug/l	96
24) 1,1-Dichloroethane	3.67	63	4245	1.057	ug/l	99
25) 2-Butanone	4.64	43	8291	5.275	ug/l	99
26) 2,2-Dichloropropane	4.55	77	3556	0.954	ug/l	95
27) cis-1,2-Dichloroethene	4.56	96	2452	0.913	ug/l	72
28) Bromochloromethane	4.98	49	2346	1.266	ug/l #	94
29) Tetrahydrofuran	5.09	42	5562	5.626	ug/l	97
30) Chloroform	5.17	83	4489	1.060	ug/l	92
32) 1,1,1-Trichloroethane	5.46	97	3618	0.947	ug/l #	49
36) 1,1-Dichloropropene	5.76	75	3380	0.972	ug/l	97
37) Ethyl Acetate	4.79	43	3192	0.966	ug/l	97
38) Carbon Tetrachloride	5.75	117	3222	0.917	ug/l	88
39) Methylcyclohexane	7.44	83	3409	0.827	ug/l	96
40) Benzene	6.10	78	9678	0.975	ug/l	94
41) Methacrylonitrile	5.01	41	2071	1.165	ug/l #	84
42) 1,2-Dichloroethane	6.15	62	3700	1.004	ug/l	99
43) Isopropyl Acetate	6.41	43	5936	1.079	ug/l	96

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44) Trichloroethene	7.18	130	2423	0.870	ug/l	100
45) 1,2-Dichloropropane	7.49	63	2528	1.028	ug/l	89
46) Dibromomethane	7.63	93	1571	0.878	ug/l	94
47) Bromodichloromethane	7.87	83	2833	0.806	ug/l	100
48) Methyl methacrylate	7.75	41	2499	0.940	ug/l	92
49) 1,4-Dioxane	7.73	88	944	16.253	ug/l #	56
51) 4-Methyl-2-Pentanone	8.62	43	15255	4.773	ug/l	98
52) Toluene	8.76	92	5172	0.811	ug/l	91
53) t-1,3-Dichloropropene	9.02	75	2923	0.727	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	3273	0.772	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	2349	0.931	ug/l	95
56) Ethyl methacrylate	9.16	69	2688	0.710	ug/l	89
57) 1,3-Dichloropropane	9.35	76	4137	0.967	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.29	63	8786	4.097	ug/l	98
59) 2-Hexanone	9.48	43	11388	4.669	ug/l	91
60) Dibromochloromethane	9.56	129	1858	0.692	ug/l	92
61) 1,2-Dibromoethane	9.65	107	2349	0.875	ug/l	97
64) Tetrachloroethene	9.32	164	2465	0.938	ug/l	91
65) Chlorobenzene	10.12	112	6138	0.876	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	1834	0.725	ug/l #	57
67) Ethyl Benzene	10.23	91	10326	0.821	ug/l	97
68) m/p-Xylenes	10.34	106	7051	1.498	ug/l	97
69) o-Xylene	10.68	106	3355	0.752	ug/l	96
70) Styrene	10.69	104	5340	0.702	ug/l	98
71) Bromoform	10.84	173	1246	0.633	ug/l #	91
73) Isopropylbenzene	11.00	105	8895	0.828	ug/l	97
74) N-amyl acetate	10.88	43	3701	0.919	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.25	83	3316	0.975	ug/l	95
76) 1,2,3-Trichloropropane	11.28	75	3261m	1.025	ug/l	
77) Bromobenzene	11.24	156	2167	0.826	ug/l	98
78) n-propylbenzene	11.34	91	10059	0.818	ug/l	99
79) 2-Chlorotoluene	11.40	91	6164	0.847	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	7212	0.792	ug/l	100
82) 4-Chlorotoluene	11.49	91	7320	0.825	ug/l	100
83) tert-Butylbenzene	11.75	119	6565	0.762	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	6928	0.754	ug/l	95
85) sec-Butylbenzene	11.93	105	7812	0.750	ug/l	99
86) p-Isopropyltoluene	12.05	119	6746	0.704	ug/l	89
87) 1,3-Dichlorobenzene	12.01	146	4179	0.847	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	4523m	0.879	ug/l	
89) n-Butylbenzene	12.37	91	6915	0.766	ug/l	94
90) Hexachloroethane	12.58	117	1125	0.699	ug/l	89
91) 1,2-Dichlorobenzene	12.37	146	4201	0.882	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	748	0.908	ug/l	81
93) 1,2,4-Trichlorobenzene	13.62	180	2274	0.651	ug/l	98
94) Hexachlorobutadiene	13.76	225	1096	0.710	ug/l	94
95) Naphthalene	13.82	128	6390	0.572	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	2137	0.627	ug/l	95

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

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