

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
 Data File : VX019710.D
 Acq On : 04 Dec 2020 10:49
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 10:56:08 AM

Quant Time: Dec 04 13:38:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 13:12:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	352763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	566951	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	511277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	235452	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	Range	61 - 141	Recovery	=	0.00%#
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.00%#
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.00%#
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.00%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	3075	0.892	ug/l	96
3) Chloromethane	1.31	50	4504	0.951	ug/l	96
4) Vinyl Chloride	1.39	62	3827	0.898	ug/l	92
6) Chloroethane	1.71	64	2583	0.476	ug/l	99
7) Trichlorofluoromethane	1.92	101	5620	0.954	ug/l	97
8) Diethyl Ether	2.17	74	2551	1.030	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	3144	0.900	ug/l	99
12) 1,1-Dichloroethene	2.36	96	3163	0.903	ug/l	88
14) Allyl chloride	2.71	41	5604	0.995	ug/l	94
15) Acrylonitrile	3.11	53	10357	4.780	ug/l	99
16) Acetone	2.42	43	9683	5.142	ug/l	98
17) Carbon Disulfide	2.55	76	10236	1.077	ug/l	100
18) Methyl Acetate	2.75	43	4320	0.913	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	11162	0.904	ug/l	98
20) Methylene Chloride	2.83	84	6298	1.309	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	3742	0.945	ug/l	98
22) Diisopropyl ether	3.82	45	10413	0.893	ug/l	96
23) Vinyl Acetate	3.78	43	42900	4.369	ug/l	99
24) 1,1-Dichloroethane	3.67	63	6574	0.930	ug/l	96
25) 2-Butanone	4.63	43	13224	4.751	ug/l	95
26) 2,2-Dichloropropane	4.55	77	5519	0.936	ug/l	100
27) cis-1,2-Dichloroethene	4.55	96	4562	0.989	ug/l	93
28) Bromochloromethane	4.97	49	3331	1.034	ug/l #	94
29) Tetrahydrofuran	5.09	42	8543	4.800	ug/l	98
30) Chloroform	5.16	83	6830	0.941	ug/l #	82
32) 1,1,1-Trichloroethane	5.45	97	5708	0.921	ug/l #	50
36) 1,1-Dichloropropene	5.76	75	5152	0.983	ug/l	96
37) Ethyl Acetate	4.78	43	5174	0.986	ug/l	96
38) Carbon Tetrachloride	5.75	117	4942	0.949	ug/l	89
39) Methylcyclohexane	7.44	83	5653	0.918	ug/l	98
40) Benzene	6.10	78	15704	0.961	ug/l	91
41) Methacrylonitrile	5.00	41	2999	1.032	ug/l	96
42) 1,2-Dichloroethane	6.15	62	5264	0.937	ug/l	99
43) Isopropyl Acetate	6.40	43	8333	0.959	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.18	130	4114	0.964	ug/l	96
45) 1,2-Dichloropropane	7.48	63	3843	0.935	ug/l	95
46) Dibromomethane	7.63	93	2546	0.923	ug/l	97
47) Bromodichloromethane	7.87	83	4989	0.913	ug/l	88
48) Methyl methacrylate	7.74	41	3877	0.903	ug/l	95
49) 1,4-Dioxane	7.71	88	1917	19.414	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	23017	4.335	ug/l	99
52) Toluene	8.76	92	9358	0.920	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	4884	0.815	ug/l	93
54) cis-1,3-Dichloropropene	8.42	75	5562	0.849	ug/l	95
55) 1,1,2-Trichloroethane	9.19	97	3674	0.893	ug/l	95
56) Ethyl methacrylate	9.15	69	5000	0.809	ug/l	95
57) 1,3-Dichloropropane	9.35	76	6593	0.947	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	14537	4.488	ug/l	99
59) 2-Hexanone	9.47	43	17177	4.277	ug/l	95
60) Dibromochloromethane	9.56	129	3222	0.762	ug/l	95
61) 1,2-Dibromoethane	9.65	107	4058	0.939	ug/l	93
64) Tetrachloroethene	9.32	164	3615	1.024	ug/l	89
65) Chlorobenzene	10.12	112	10289	0.971	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	3344	0.868	ug/l #	65
67) Ethyl Benzene	10.23	91	17152	0.917	ug/l	99
68) m/p-Xylenes	10.34	106	12599	1.802	ug/l	98
69) o-Xylene	10.68	106	5919	0.872	ug/l	95
70) Styrene	10.70	104	9263	0.814	ug/l	97
71) Bromoform	10.84	173	2214	0.743	ug/l #	92
73) Isopropylbenzene	11.00	105	15267	0.931	ug/l	100
74) N-amyl acetate	10.88	43	5865	0.891	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	5730	0.965	ug/l	96
76) 1,2,3-Trichloropropane	11.28	75	5380m	0.997	ug/l	
77) Bromobenzene	11.24	156	4152	0.977	ug/l	98
78) n-propylbenzene	11.34	91	17087	0.904	ug/l	99
79) 2-Chlorotoluene	11.40	91	11259	0.979	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	12272	0.885	ug/l	98
82) 4-Chlorotoluene	11.49	91	13086	0.976	ug/l	96
83) tert-Butylbenzene	11.75	119	12483	0.909	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	12280	0.876	ug/l	100
85) sec-Butylbenzene	11.93	105	13834	0.887	ug/l	100
86) p-Isopropyltoluene	12.05	119	12210	0.849	ug/l	90
87) 1,3-Dichlorobenzene	12.01	146	7873	1.018	ug/l	95
88) 1,4-Dichlorobenzene	12.08	146	8230m	1.042	ug/l	
89) n-Butylbenzene	12.37	91	11216	0.890	ug/l	98
90) Hexachloroethane	12.58	117	2143	0.876	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	7594	1.003	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1176	0.938	ug/l	92
93) 1,2,4-Trichlorobenzene	13.63	180	4660	0.950	ug/l	96
94) Hexachlorobutadiene	13.76	225	2594	1.246	ug/l	98
95) Naphthalene	13.82	128	14167	0.890	ug/l	98
96) 1,2,3-Trichlorobenzene	14.00	180	4544	0.934	ug/l	98

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

