

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011921\
 Data File : VX020650.D
 Acq On : 19 Jan 2021 10:19
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 1/20/2021 5:42:14 PM

Quant Time: Jan 19 13:05:46 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:05:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.623	168	175903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	293634	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	265886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	119731	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.00	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.00%#
35) Dibromofluoromethane	0.000	113	0d	0.00	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.00%#
50) Toluene-d8	0.000	98	0d	0.00	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.00%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.00	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.00%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.185	85	1836	0.76	ug/l	98
3) Chloromethane	1.307	50	2501	1.03	ug/l	96
4) Vinyl Chloride	1.392	62	2281	0.92	ug/l	97
6) Chloroethane	1.715	64	2929	1.67	ug/l	92
7) Trichlorofluoromethane	1.916	101	3507	0.98	ug/l	99
8) Diethyl Ether	2.166	74	1245	0.98	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.367	101	1838	0.95	ug/l	93
12) 1,1-Dichloroethene	2.355	96	1873	0.99	ug/l	89
14) Allyl chloride	2.703	41	2901	1.02	ug/l	99
15) Acrylonitrile	3.117	53	5034	4.76	ug/l	97
16) Acetone	2.422	43	5183	5.55	ug/l	91
17) Carbon Disulfide	2.550	76	5505	1.02	ug/l	98
18) Methyl Acetate	2.745	43	2192	1.03	ug/l	97
19) Methyl tert-butyl Ether	3.160	73	5576	0.90	ug/l	99
20) Methylene Chloride	2.831	84	2596	1.14	ug/l	93
21) trans-1,2-Dichloroethene	3.142	96	2095	1.00	ug/l	93
22) Diisopropyl ether	3.818	45	4858	0.86	ug/l	89
23) Vinyl Acetate	3.782	43	19744	4.08	ug/l	95
24) 1,1-Dichloroethane	3.666	63	3491	0.95	ug/l #	92
25) 2-Butanone	4.641	43	6583	4.82	ug/l	93
26) 2,2-Dichloropropane	4.550	77	3015	0.96	ug/l	91
27) cis-1,2-Dichloroethene	4.562	96	2429	1.02	ug/l	93
28) Bromochloromethane	4.977	49	1552	1.01	ug/l #	99
29) Tetrahydrofuran	5.093	42	3961	4.67	ug/l	91
30) Chloroform	5.172	83	3887	0.99	ug/l	91
32) 1,1,1-Trichloroethane	5.458	97	3330	0.96	ug/l #	49
36) 1,1-Dichloropropene	5.769	75	2734	0.92	ug/l	93
37) Ethyl Acetate	4.788	43	2608	0.96	ug/l #	92
38) Carbon Tetrachloride	5.745	117	2983	0.94	ug/l	92
39) Methylcyclohexane	7.440	83	2703	0.80	ug/l	95
40) Benzene	6.111	78	8282	0.96	ug/l	95
41) Methacrylonitrile	4.989	41	1365	0.93	ug/l #	27
42) 1,2-Dichloroethane	6.153	62	3174	0.98	ug/l	92
43) Isopropyl Acetate	6.403	43	3808	0.90	ug/l	98
44) Trichloroethene	7.184	130	2288	0.97	ug/l	92
45) 1,2-Dichloropropane	7.482	63	1942	0.89	ug/l	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.635	93	1530	0.97	ug/l	96
47) Bromodichloromethane	7.873	83	2864	0.90	ug/l #	92
48) Methyl methacrylate	7.745	41	1761	0.84	ug/l	91
49) 1,4-Dioxane	7.751	88	803	16.88	ug/l #	55
51) 4-Methyl-2-Pentanone	8.616	43	10744	4.08	ug/l	93
52) Toluene	8.763	92	4560	0.86	ug/l	93
53) t-1,3-Dichloropropene	9.019	75	2651	0.82	ug/l	96
54) cis-1,3-Dichloropropene	8.409	75	3021	0.85	ug/l	91
55) 1,1,2-Trichloroethane	9.189	97	2206	0.98	ug/l #	88
56) Ethyl methacrylate	9.153	69	2169	0.74	ug/l	95
57) 1,3-Dichloropropane	9.348	76	3190	0.86	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	8464	5.25	ug/l	99
59) 2-Hexanone	9.470	43	7826	3.97	ug/l	91
60) Dibromochloromethane	9.561	129	2224	0.91	ug/l	99
61) 1,2-Dibromoethane	9.653	107	1975	0.85	ug/l	95
64) Tetrachloroethene	9.311	164	2068	0.98	ug/l	88
65) Chlorobenzene	10.116	112	5441	0.95	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.201	131	2020	0.93	ug/l #	66
67) Ethyl Benzene	10.232	91	8125	0.83	ug/l	93
68) m/p-Xylenes	10.342	106	5607	1.55	ug/l	95
69) o-Xylene	10.683	106	2900	0.83	ug/l	98
70) Styrene	10.695	104	4054	0.70	ug/l	90
71) Bromoform	10.842	173	1406	0.83	ug/l #	98
73) Isopropylbenzene	11.000	105	6856	0.81	ug/l	99
74) N-amyl acetate	10.878	43	2298	0.77	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.250	83	3089	1.02	ug/l	99
76) 1,2,3-Trichloropropane	11.274	75	2926m	0.99	ug/l	
77) Bromobenzene	11.238	156	1993	0.92	ug/l	98
78) n-propylbenzene	11.341	91	7842	0.81	ug/l	100
79) 2-Chlorotoluene	11.402	91	4986	0.83	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	5149	0.72	ug/l	98
82) 4-Chlorotoluene	11.494	91	5886	0.83	ug/l	96
83) tert-Butylbenzene	11.750	119	5676	0.82	ug/l	99
84) 1,2,4-Trimethylbenzene	11.787	105	5157	0.72	ug/l	99
85) sec-Butylbenzene	11.927	105	5888	0.74	ug/l	100
86) p-Isopropyltoluene	12.049	119	5233	0.71	ug/l	92
87) 1,3-Dichlorobenzene	12.006	146	3588	0.90	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	3711m	0.92	ug/l	
89) n-Butylbenzene	12.372	91	4655	0.72	ug/l	99
90) Hexachloroethane	12.579	117	1145	0.85	ug/l	95
91) 1,2-Dichlorobenzene	12.378	146	3620	0.93	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.981	75	615	0.91	ug/l	90
93) 1,2,4-Trichlorobenzene	13.628	180	1925	0.78	ug/l	96
94) Hexachlorobutadiene	13.762	225	1130	0.95	ug/l	95
95) Naphthalene	13.817	128	4188	0.56	ug/l	98
96) 1,2,3-Trichlorobenzene	14.000	180	1953	0.79	ug/l	87

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

