

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011221\
 Data File : VX020572.D
 Acq On : 12 Jan 2021 12:08
 Operator : JC/MD
 Sample : VX0112WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0112WBS01

Manual Integrations
 APPROVED

MMDadoda

Quant Time: Jan 13 00:24:20 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

1/13/2021 4:38:32 PM

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	186397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	287613	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.091	117	258854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.060	152	134187	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.025	65	104433	46.65	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.30%
35) Dibromofluoromethane	5.458	113	91826	46.08	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.16%
50) Toluene-d8	8.695	98	330696	46.38	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.76%
62) 4-Bromofluorobenzene	11.122	95	117705	46.74	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.48%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.184	85	33045	17.97	ug/l	99
3) Chloromethane	1.312	50	30860	18.14	ug/l	99
4) Vinyl Chloride	1.392	62	36039	18.47	ug/l	97
5) Bromomethane	1.629	94	23145	17.57	ug/l	98
6) Chloroethane	1.709	64	24963	19.09	ug/l	98
7) Trichlorofluoromethane	1.916	101	66351	20.53	ug/l	99
8) Diethyl Ether	2.166	74	23696	20.58	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.361	101	37485	20.68	ug/l	96
10) Methyl Iodide	2.489	142	44290	17.52	ug/l	97
11) Tert butyl alcohol	3.019	59	37776	90.40	ug/l #	88
12) 1,1-Dichloroethene	2.355	96	33949	19.08	ug/l	93
13) Acrolein	2.269	56	26210	84.46	ug/l	100
14) Allyl chloride	2.702	41	46000	18.60	ug/l	95
15) Acrylonitrile	3.111	53	93318	98.16	ug/l	98
16) Acetone	2.416	43	76800	97.99	ug/l	100
17) Carbon Disulfide	2.550	76	82973	16.91	ug/l	99
18) Methyl Acetate	2.745	43	38084	19.20	ug/l	94
19) Methyl tert-butyl Ether	3.160	73	115729	20.05	ug/l	98
20) Methylene Chloride	2.830	84	41589	19.66	ug/l	95
21) trans-1,2-Dichloroethene	3.141	96	38909	19.47	ug/l	91
22) Diisopropyl ether	3.818	45	102199	20.47	ug/l	97
23) Vinyl Acetate	3.781	43	420619	98.71	ug/l	96
24) 1,1-Dichloroethane	3.666	63	66181	19.96	ug/l	99
25) 2-Butanone	4.629	43	116458	96.25	ug/l	96
26) 2,2-Dichloropropane	4.550	77	58920	19.10	ug/l	98
27) cis-1,2-Dichloroethene	4.562	96	43909	19.69	ug/l	94
28) Bromochloromethane	4.970	49	24045	17.81	ug/l	83
29) Tetrahydrofuran	5.080	42	72154	97.90	ug/l	94
30) Chloroform	5.171	83	75312	20.31	ug/l	96
31) Cyclohexane	5.549	56	49317	18.75	ug/l	96
32) 1,1,1-Trichloroethane	5.458	97	67308	20.18	ug/l	98
36) 1,1-Dichloropropene	5.763	75	50978	19.40	ug/l	98
37) Ethyl Acetate	4.787	43	45550	19.08	ug/l	99
38) Carbon Tetrachloride	5.751	117	59596	19.43	ug/l	97
39) Methylcyclohexane	7.439	83	59213	19.73	ug/l	97
40) Benzene	6.104	78	157154	19.90	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	24371	19.51	ug/l	94
42) 1,2-Dichloroethane	6.153	62	56771	20.16	ug/l	99
43) Isopropyl Acetate	6.403	43	74315	20.08	ug/l	98
44) Trichloroethene	7.183	130	45927	19.57	ug/l	93
45) 1,2-Dichloropropane	7.482	63	41401	21.37	ug/l	97
46) Dibromomethane	7.634	93	30488	20.72	ug/l	96
47) Bromodichloromethane	7.872	83	62058	20.67	ug/l	98
48) Methyl methacrylate	7.738	41	36195	20.12	ug/l	96
49) 1,4-Dioxane	7.726	88	19076	420.65	ug/l	99
51) 4-Methyl-2-Pentanone	8.616	43	226839	98.83	ug/l	98
52) Toluene	8.762	92	100990	20.11	ug/l	99
53) t-1,3-Dichloropropene	9.018	75	59057	19.31	ug/l	100
54) cis-1,3-Dichloropropene	8.409	75	66822	20.40	ug/l	97
55) 1,1,2-Trichloroethane	9.195	97	42716	20.13	ug/l	96
56) Ethyl methacrylate	9.158	69	52532	19.09	ug/l	97
57) 1,3-Dichloropropane	9.347	76	68854	19.97	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	127722	91.63	ug/l	95
59) 2-Hexanone	9.469	43	171005	99.38	ug/l	100
60) Dibromochloromethane	9.561	129	48138	20.08	ug/l	98
61) 1,2-Dibromoethane	9.652	107	45782	20.22	ug/l	98
64) Tetrachloroethene	9.317	164	46779	20.01	ug/l	97
65) Chlorobenzene	10.122	112	110031	20.20	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.201	131	43104	20.73	ug/l	100
67) Ethyl Benzene	10.231	91	186468	20.79	ug/l	100
68) m/p-Xylenes	10.341	106	145256	42.02	ug/l	98
69) o-Xylene	10.683	106	67097	21.07	ug/l	98
70) Styrene	10.695	104	116736	21.48	ug/l	99
71) Bromoform	10.835	173	34538	20.47	ug/l #	97
73) Isopropylbenzene	11.000	105	187069	20.68	ug/l	100
74) N-amyl acetate	10.878	43	54413	17.85	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.250	83	61209	20.77	ug/l	98
76) 1,2,3-Trichloropropane	11.280	75	58171m	20.58	ug/l	
77) Bromobenzene	11.237	156	50296	20.75	ug/l	91
78) n-propylbenzene	11.341	91	210438	21.04	ug/l	98
79) 2-Chlorotoluene	11.402	91	129451	20.98	ug/l	99
80) 1,3,5-Trimethylbenzene	11.487	105	159483	21.04	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.054	75	18865	18.18	ug/l	99
82) 4-Chlorotoluene	11.493	91	152199	20.79	ug/l	98
83) tert-Butylbenzene	11.756	119	146400	20.11	ug/l	97
84) 1,2,4-Trimethylbenzene	11.792	105	161847	21.36	ug/l	99
85) sec-Butylbenzene	11.926	105	177818	20.93	ug/l	99
86) p-Isopropyltoluene	12.048	119	167650	21.25	ug/l	100
87) 1,3-Dichlorobenzene	12.006	146	90605	20.45	ug/l	98
88) 1,4-Dichlorobenzene	12.079	146	91564	20.16	ug/l	98
89) n-Butylbenzene	12.371	91	142382	20.85	ug/l	99
90) Hexachloroethane	12.579	117	29534	19.84	ug/l	91
91) 1,2-Dichlorobenzene	12.371	146	92949	21.25	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	13830	19.99	ug/l	97
93) 1,2,4-Trichlorobenzene	13.627	180	55294	18.96	ug/l	99
94) Hexachlorobutadiene	13.761	225	28679	19.80	ug/l	99
95) Naphthalene	13.816	128	169272	19.58	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	58237	19.64	ug/l	99

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

