

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020321\
 Data File : VX020830.D
 Acq On : 03 Feb 2021 11:06
 Operator : JC/SP
 Sample : VX0203WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/4/2021 10:32:24 AM

Quant Time: Feb 04 02:18:52 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	310930	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	475028	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	447219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	231876	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	191148	45.07	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.14%		
35) Dibromofluoromethane	5.458	113	162136	49.83	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.66%		
50) Toluene-d8	8.695	98	591886	49.62	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.24%		
62) 4-Bromofluorobenzene	11.122	95	223762	48.30	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.60%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	84493	17.97	ug/l	98
3) Chloromethane	1.313	50	73190	16.73	ug/l	97
4) Vinyl Chloride	1.392	62	74298	17.04	ug/l	100
5) Bromomethane	1.624	94	43899	20.96	ug/l	94
6) Chloroethane	1.709	64	42924	17.39	ug/l	98
7) Trichlorofluoromethane	1.916	101	110834	18.74	ug/l	98
8) Diethyl Ether	2.166	74	37262	17.55	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.361	101	55325	18.32	ug/l	98
10) Methyl Iodide	2.489	142	73385	17.33	ug/l	94
11) Tert butyl alcohol	3.014	59	63934	80.75	ug/l	100
12) 1,1-Dichloroethene	2.355	96	52503	17.58	ug/l	94
13) Acrolein	2.270	56	47414	79.40	ug/l	100
14) Allyl chloride	2.703	41	89972	16.18	ug/l	97
15) Acrylonitrile	3.111	53	169738	84.70	ug/l	100
16) Acetone	2.416	43	131064	81.51	ug/l	97
17) Carbon Disulfide	2.550	76	157767	17.00	ug/l	99
18) Methyl Acetate	2.745	43	72901	17.74	ug/l	99
19) Methyl tert-butyl Ether	3.166	73	202322	18.11	ug/l	100
20) Methylene Chloride	2.831	84	69142	17.04	ug/l	97
21) trans-1,2-Dichloroethene	3.136	96	64504	17.29	ug/l	95
22) Diisopropyl ether	3.824	45	192257	17.59	ug/l	91
23) Vinyl Acetate	3.782	43	770883	85.73	ug/l	99
24) 1,1-Dichloroethane	3.666	63	118442	17.93	ug/l	99
25) 2-Butanone	4.629	43	207649	82.45	ug/l	98
26) 2,2-Dichloropropane	4.544	77	97664	18.42	ug/l	99
27) cis-1,2-Dichloroethene	4.562	96	72980	17.84	ug/l	98
28) Bromochloromethane	4.977	49	44461	15.70	ug/l	99
29) Tetrahydrofuran	5.086	42	133571	82.35	ug/l	99
30) Chloroform	5.172	83	124832	18.38	ug/l	99
31) Cyclohexane	5.544	56	95104	16.68	ug/l	96
32) 1,1,1-Trichloroethane	5.458	97	110361	18.46	ug/l	98
36) 1,1-Dichloropropene	5.763	75	86901	18.23	ug/l	99
37) Ethyl Acetate	4.794	43	79237	17.53	ug/l	100
38) Carbon Tetrachloride	5.751	117	101637	20.28	ug/l	97
39) Methylcyclohexane	7.434	83	96139	17.69	ug/l	96
40) Benzene	6.104	78	265500	18.91	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	43941	17.37	ug/l	99
42) 1,2-Dichloroethane	6.153	62	95374	19.05	ug/l	100
43) Isopropyl Acetate	6.409	43	123175	17.09	ug/l	100
44) Trichloroethene	7.184	130	70294	18.82	ug/l	96
45) 1,2-Dichloropropane	7.482	63	67115	18.34	ug/l	100
46) Dibromomethane	7.635	93	47605	19.38	ug/l	99
47) Bromodichloromethane	7.872	83	98584	19.00	ug/l	97
48) Methyl methacrylate	7.744	41	62860	17.27	ug/l	98
49) 1,4-Dioxane	7.708	88	31572	369.74	ug/l	98
51) 4-Methyl-2-Pentanone	8.616	43	404508	88.95	ug/l	100
52) Toluene	8.763	92	168988	19.14	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	99076	18.14	ug/l	97
54) cis-1,3-Dichloropropene	8.409	75	109168	18.54	ug/l	94
55) 1,1,2-Trichloroethane	9.195	97	70570	19.25	ug/l	97
56) Ethyl methacrylate	9.159	69	88635	17.05	ug/l	98
57) 1,3-Dichloropropane	9.348	76	116166	18.89	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.287	63	222593	87.76	ug/l	99
59) 2-Hexanone	9.470	43	303053	89.52	ug/l	98
60) Dibromochloromethane	9.561	129	78078	19.27	ug/l	99
61) 1,2-Dibromoethane	9.653	107	72211	19.03	ug/l	98
64) Tetrachloroethene	9.317	164	70574	20.58	ug/l	98
65) Chlorobenzene	10.116	112	181389	18.75	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.201	131	69814	19.44	ug/l	99
67) Ethyl Benzene	10.232	91	309708	18.46	ug/l	100
68) m/p-Xylenes	10.342	106	237977	38.04	ug/l	99
69) o-Xylene	10.683	106	111404	18.93	ug/l	100
70) Styrene	10.695	104	190384	18.84	ug/l	99
71) Bromoform	10.841	173	54559	18.92	ug/l #	97
73) Isopropylbenzene	11.000	105	309820	18.49	ug/l	99
74) N-amyl acetate	10.878	43	101320	15.80	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.250	83	102812	18.21	ug/l	98
76) 1,2,3-Trichloropropane	11.280	75	100293m	18.65	ug/l	
77) Bromobenzene	11.238	156	77679	18.31	ug/l	98
78) n-propylbenzene	11.341	91	350428	18.11	ug/l	100
79) 2-Chlorotoluene	11.402	91	219871	18.60	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	271681	18.97	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	32708	17.04	ug/l	99
82) 4-Chlorotoluene	11.494	91	254454	18.19	ug/l	100
83) tert-Butylbenzene	11.756	119	245395	17.74	ug/l	97
84) 1,2,4-Trimethylbenzene	11.793	105	269779	18.67	ug/l	99
85) sec-Butylbenzene	11.927	105	295120	18.46	ug/l	100
86) p-Isopropyltoluene	12.049	119	275373	18.56	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	141579	18.32	ug/l	97
88) 1,4-Dichlorobenzene	12.079	146	145404	18.12	ug/l	99
89) n-Butylbenzene	12.372	91	226065	17.01	ug/l	98
90) Hexachloroethane	12.579	117	49211	18.42	ug/l	94
91) 1,2-Dichlorobenzene	12.378	146	141404	18.98	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.981	75	20867	16.67	ug/l	97
93) 1,2,4-Trichlorobenzene	13.628	180	83900	17.37	ug/l	98
94) Hexachlorobutadiene	13.762	225	39074	17.17	ug/l	98
95) Naphthalene	13.817	128	265563	16.94	ug/l	99
96) 1,2,3-Trichlorobenzene	13.999	180	85877	18.26	ug/l	99

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

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