

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011921\
 Data File : VX020660.D
 Acq On : 19 Jan 2021 15:38
 Operator : JC/SP
 Sample : VX0119WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0119WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/20/2021 5:42:27 PM

Quant Time: Jan 20 03:20:09 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 14:09:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	223706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	356040	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	331187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	164019	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	144265	47.17	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.34%		
35) Dibromofluoromethane	5.458	113	118555	48.33	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.66%		
50) Toluene-d8	8.696	98	432773	48.93	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.86%		
62) 4-Bromofluorobenzene	11.116	95	159286	47.65	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.30%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	64017	19.27	ug/l	98
3) Chloromethane	1.307	50	57080	18.55	ug/l	100
4) Vinyl Chloride	1.392	62	59905	18.93	ug/l	98
5) Bromomethane	1.636	94	31458	21.37	ug/l	96
6) Chloroethane	1.709	64	35187	17.01	ug/l	99
7) Trichlorofluoromethane	1.916	101	85176	18.63	ug/l	98
8) Diethyl Ether	2.166	74	29717	18.44	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.361	101	46305	18.73	ug/l	98
10) Methyl Iodide	2.489	142	56319	17.01	ug/l	95
11) Tert butyl alcohol	3.014	59	45391	83.69	ug/l	97
12) 1,1-Dichloroethene	2.355	96	43875	18.31	ug/l	99
13) Acrolein	2.270	56	30131	110.31	ug/l	97
14) Allyl chloride	2.703	41	64398	17.83	ug/l	96
15) Acrylonitrile	3.111	53	123127	91.57	ug/l	99
16) Acetone	2.416	43	102296	86.12	ug/l	97
17) Carbon Disulfide	2.550	76	125725	18.36	ug/l	99
18) Methyl Acetate	2.745	43	49653	18.40	ug/l	98
19) Methyl tert-butyl Ether	3.160	73	145831	18.50	ug/l	100
20) Methylene Chloride	2.831	84	50550	17.53	ug/l	96
21) trans-1,2-Dichloroethene	3.142	96	49123	18.42	ug/l	96
22) Diisopropyl ether	3.818	45	136074	18.87	ug/l	99
23) Vinyl Acetate	3.782	43	578449	93.99	ug/l	99
24) 1,1-Dichloroethane	3.666	63	85600	18.24	ug/l	99
25) 2-Butanone	4.629	43	157354	90.63	ug/l	100
26) 2,2-Dichloropropane	4.544	77	71329	17.87	ug/l	99
27) cis-1,2-Dichloroethene	4.556	96	54446	18.06	ug/l	98
28) Bromochloromethane	4.971	49	33775	17.23	ug/l	99
29) Tetrahydrofuran	5.087	42	99583	92.39	ug/l	99
30) Chloroform	5.166	83	90647	18.14	ug/l	98
31) Cyclohexane	5.544	56	72196	18.04	ug/l	98
32) 1,1,1-Trichloroethane	5.458	97	80176	18.24	ug/l	99
36) 1,1-Dichloropropene	5.763	75	67743	18.88	ug/l	97
37) Ethyl Acetate	4.782	43	61450	18.59	ug/l	100
38) Carbon Tetrachloride	5.745	117	70359	18.37	ug/l	99
39) Methylcyclohexane	7.434	83	76573	18.75	ug/l	98
40) Benzene	6.105	78	195972	18.64	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	32567	18.27	ug/l	98
42) 1,2-Dichloroethane	6.159	62	72193	18.30	ug/l	99
43) Isopropyl Acetate	6.403	43	94410	18.49	ug/l	100
44) Trichloroethene	7.184	130	53733	18.78	ug/l	98
45) 1,2-Dichloropropane	7.482	63	49189	18.61	ug/l	99
46) Dibromomethane	7.635	93	34755	18.16	ug/l	99
47) Bromodichloromethane	7.873	83	70126	18.24	ug/l	100
48) Methyl methacrylate	7.738	41	47062	18.60	ug/l	99
49) 1,4-Dioxane	7.726	88	21942	380.48	ug/l	98
51) 4-Methyl-2-Pentanone	8.616	43	305046	95.51	ug/l	99
52) Toluene	8.763	92	122933	19.02	ug/l	100
53) t-1,3-Dichloropropene	9.019	75	72267	18.39	ug/l	99
54) cis-1,3-Dichloropropene	8.409	75	80829	18.65	ug/l	97
55) 1,1,2-Trichloroethane	9.189	97	50654	18.53	ug/l	97
56) Ethyl methacrylate	9.153	69	66637	18.00	ug/l	99
57) 1,3-Dichloropropane	9.348	76	85517	18.95	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	169884	86.93	ug/l	99
59) 2-Hexanone	9.470	43	229512	95.93	ug/l	97
60) Dibromochloromethane	9.561	129	54013	18.33	ug/l	99
61) 1,2-Dibromoethane	9.653	107	53158	18.89	ug/l	99
64) Tetrachloroethene	9.317	164	48964	18.56	ug/l	96
65) Chlorobenzene	10.116	112	131143	18.32	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	50136	18.61	ug/l	100
67) Ethyl Benzene	10.232	91	230236	18.95	ug/l	100
68) m/p-Xylenes	10.342	106	171970	38.08	ug/l	98
69) o-Xylene	10.683	106	79817	18.41	ug/l	100
70) Styrene	10.695	104	135855	17.99	ug/l	99
71) Bromoform	10.842	173	37647	17.94	ug/l #	100
73) Isopropylbenzene	11.000	105	220607	18.94	ug/l	99
74) N-amyl acetate	10.878	43	75301	17.74	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.250	83	73854	17.77	ug/l	98
76) 1,2,3-Trichloropropane	11.281	75	73091m	18.57	ug/l	
77) Bromobenzene	11.238	156	54946	18.44	ug/l	100
78) n-propylbenzene	11.341	91	251007	18.82	ug/l	99
79) 2-Chlorotoluene	11.402	91	152691	18.59	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	186564	19.16	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	22334	16.41	ug/l	93
82) 4-Chlorotoluene	11.494	91	184631	19.03	ug/l	98
83) tert-Butylbenzene	11.750	119	176574	18.67	ug/l	96
84) 1,2,4-Trimethylbenzene	11.787	105	188865	18.06	ug/l	100
85) sec-Butylbenzene	11.927	105	206902	18.89	ug/l	99
86) p-Isopropyltoluene	12.049	119	191125	17.90	ug/l	98
87) 1,3-Dichlorobenzene	12.006	146	99423	18.14	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	101677	18.33	ug/l	98
89) n-Butylbenzene	12.372	91	164687	17.72	ug/l	98
90) Hexachloroethane	12.579	117	33853	18.43	ug/l	91
91) 1,2-Dichlorobenzene	12.372	146	97837	18.30	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	16536	17.84	ug/l	92
93) 1,2,4-Trichlorobenzene	13.628	180	60154	17.55	ug/l	97
94) Hexachlorobutadiene	13.768	225	27741	17.06	ug/l	95
95) Naphthalene	13.817	128	189175	16.86	ug/l	100
96) 1,2,3-Trichlorobenzene	14.000	180	62764	18.56	ug/l	96

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

