

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012221\
 Data File : VX020708.D
 Acq On : 22 Jan 2021 14:08
 Operator : JC/SP
 Sample : VX0122WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0122WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/25/2021 2:04:54 PM

Quant Time: Jan 23 01:40:34 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	5.629	168	256894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	404136	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	379188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	190835	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	162438	46.25	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.50%		
35) Dibromofluoromethane	5.464	113	135830	48.78	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.56%		
50) Toluene-d8	8.695	98	512612	51.06	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.12%		
62) 4-Bromofluorobenzene	11.122	95	200662	52.88	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.76%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	57257	15.17	ug/l	100
3) Chloromethane	1.313	50	57008	16.13	ug/l	100
4) Vinyl Chloride	1.392	62	55263	15.21	ug/l	100
5) Bromomethane	1.630	94	34209	20.24	ug/l	95
6) Chloroethane	1.709	64	31359	12.61	ug/l	98
7) Trichlorofluoromethane	1.916	101	73560	14.01	ug/l	100
8) Diethyl Ether	2.166	74	27190	14.69	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.361	101	49549	17.46	ug/l	98
10) Methyl Iodide	2.489	142	67060	17.64	ug/l	98
11) Tert butyl alcohol	3.007	59	58533	93.97	ug/l	99
12) 1,1-Dichloroethene	2.355	96	44854	16.30	ug/l	98
13) Acrolein	2.270	56	23716	85.15	ug/l	99
14) Allyl chloride	2.703	41	78336	18.89	ug/l	94
15) Acrylonitrile	3.111	53	146450	94.85	ug/l	99
16) Acetone	2.416	43	179638	131.69	ug/l	98
17) Carbon Disulfide	2.550	76	140209	17.83	ug/l	99
18) Methyl Acetate	2.745	43	56384	18.20	ug/l	99
19) Methyl tert-butyl Ether	3.166	73	168836	18.65	ug/l	97
20) Methylene Chloride	2.831	84	64859	19.59	ug/l	98
21) trans-1,2-Dichloroethene	3.142	96	56120	18.32	ug/l	96
22) Diisopropyl ether	3.824	45	163729	19.77	ug/l	93
23) Vinyl Acetate	3.782	43	674405	95.43	ug/l	100
24) 1,1-Dichloroethane	3.666	63	99633	18.49	ug/l	99
25) 2-Butanone	4.629	43	218991	109.84	ug/l	99
26) 2,2-Dichloropropane	4.544	77	83100	18.13	ug/l	98
27) cis-1,2-Dichloroethene	4.562	96	62573	18.07	ug/l	99
28) Bromochloromethane	4.977	49	38895	17.28	ug/l	100
29) Tetrahydrofuran	5.086	42	117570	94.99	ug/l	98
30) Chloroform	5.172	83	101928	17.76	ug/l	99
31) Cyclohexane	5.550	56	87152	18.96	ug/l	99
32) 1,1,1-Trichloroethane	5.458	97	88791	17.59	ug/l	99
36) 1,1-Dichloropropene	5.763	75	76725	18.84	ug/l	99
37) Ethyl Acetate	4.788	43	71139	18.96	ug/l	99
38) Carbon Tetrachloride	5.751	117	79427	18.27	ug/l	97
39) Methylcyclohexane	7.433	83	91198	19.67	ug/l	98
40) Benzene	6.104	78	230068	19.28	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	38200	18.88	ug/l	98
42) 1,2-Dichloroethane	6.159	62	80975	18.08	ug/l	100
43) Isopropyl Acetate	6.409	43	109137	18.83	ug/l	99
44) Trichloroethene	7.184	130	61788	19.02	ug/l	100
45) 1,2-Dichloropropane	7.482	63	58233	19.41	ug/l	97
46) Dibromomethane	7.635	93	40051	18.44	ug/l	99
47) Bromodichloromethane	7.872	83	81292	18.63	ug/l	98
48) Methyl methacrylate	7.744	41	55349	19.28	ug/l	97
49) 1,4-Dioxane	7.708	88	27820	425.00	ug/l	96
51) 4-Methyl-2-Pentanone	8.616	43	362781	100.07	ug/l	100
52) Toluene	8.763	92	145938	19.89	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	87944	19.71	ug/l	99
54) cis-1,3-Dichloropropene	8.409	75	95960	19.51	ug/l	96
55) 1,1,2-Trichloroethane	9.195	97	59372	19.13	ug/l	98
56) Ethyl methacrylate	9.159	69	80551	19.03	ug/l	97
57) 1,3-Dichloropropane	9.348	76	102114	19.94	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	204566	92.22	ug/l	100
59) 2-Hexanone	9.470	43	305734	112.59	ug/l	97
60) Dibromochloromethane	9.561	129	65017	19.43	ug/l	100
61) 1,2-Dibromoethane	9.653	107	63139	19.77	ug/l	99
64) Tetrachloroethene	9.317	164	59123	19.58	ug/l	98
65) Chlorobenzene	10.122	112	159798	19.50	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	60175	19.51	ug/l	99
67) Ethyl Benzene	10.232	91	280561	20.16	ug/l	99
68) m/p-Xylenes	10.342	106	212736	41.14	ug/l	99
69) o-Xylene	10.683	106	97996	19.74	ug/l	95
70) Styrene	10.695	104	171038	19.65	ug/l	99
71) Bromoform	10.835	173	46404	19.31	ug/l #	99
73) Isopropylbenzene	11.000	105	273459	20.18	ug/l	100
74) N-amyl acetate	10.878	43	96702	19.38	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.250	83	92447	19.12	ug/l	100
76) 1,2,3-Trichloropropane	11.280	75	89922m	19.64	ug/l	
77) Bromobenzene	11.238	156	67840	19.57	ug/l	96
78) n-propylbenzene	11.341	91	319024	20.56	ug/l	100
79) 2-Chlorotoluene	11.402	91	195305	20.44	ug/l	100
80) 1,3,5-Trimethylbenzene	11.488	105	236305	20.86	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	29973	18.93	ug/l	99
82) 4-Chlorotoluene	11.494	91	228535	20.24	ug/l	99
83) tert-Butylbenzene	11.756	119	220294	20.01	ug/l	97
84) 1,2,4-Trimethylbenzene	11.786	105	241614	19.82	ug/l	99
85) sec-Butylbenzene	11.927	105	265630	20.84	ug/l	100
86) p-Isopropyltoluene	12.049	119	246206	19.73	ug/l	98
87) 1,3-Dichlorobenzene	12.006	146	122636	19.23	ug/l	97
88) 1,4-Dichlorobenzene	12.079	146	126232	19.56	ug/l	97
89) n-Butylbenzene	12.372	91	211388	19.40	ug/l	99
90) Hexachloroethane	12.579	117	41430	19.39	ug/l	98
91) 1,2-Dichlorobenzene	12.372	146	122454	19.69	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	19129	17.74	ug/l	89
93) 1,2,4-Trichlorobenzene	13.628	180	76005	18.86	ug/l	98
94) Hexachlorobutadiene	13.762	225	39160	20.70	ug/l	97
95) Naphthalene	13.816	128	237258	18.02	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	75376	19.16	ug/l	97

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

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