

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020321\
 Data File : VX020831.D
 Acq On : 03 Feb 2021 11:36
 Operator : JC/SP
 Sample : VX0203WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/4/2021 10:32:25 AM

Quant Time: Feb 04 02:19:34 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	293156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	459145	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	443247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	229122	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	187872	46.98	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.96%		
35) Dibromofluoromethane	5.458	113	155206	49.35	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.70%		
50) Toluene-d8	8.696	98	564202	48.93	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.86%		
62) 4-Bromofluorobenzene	11.122	95	218846	48.87	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.74%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	82351	18.54	ug/l	98
3) Chloromethane	1.313	50	70878	17.19	ug/l	100
4) Vinyl Chloride	1.392	62	69474	16.90	ug/l	98
5) Bromomethane	1.624	94	40773	20.64	ug/l	98
6) Chloroethane	1.709	64	41397	17.79	ug/l	100
7) Trichlorofluoromethane	1.916	101	105521	18.92	ug/l	98
8) Diethyl Ether	2.166	74	37112	18.54	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.361	101	52321	18.38	ug/l	98
10) Methyl Iodide	2.489	142	72627	18.19	ug/l	93
11) Tert butyl alcohol	3.014	59	64888	86.93	ug/l	100
12) 1,1-Dichloroethene	2.355	96	51399	18.26	ug/l	99
13) Acrolein	2.270	56	47382	84.16	ug/l	99
14) Allyl chloride	2.703	41	86780	16.55	ug/l	95
15) Acrylonitrile	3.111	53	167789	88.81	ug/l	99
16) Acetone	2.416	43	131950	87.03	ug/l	100
17) Carbon Disulfide	2.550	76	148379	16.96	ug/l	100
18) Methyl Acetate	2.745	43	72284	18.66	ug/l	100
19) Methyl tert-butyl Ether	3.166	73	196225	18.63	ug/l	99
20) Methylene Chloride	2.831	84	66892	17.48	ug/l	96
21) trans-1,2-Dichloroethene	3.142	96	60988	17.34	ug/l	96
22) Diisopropyl ether	3.818	45	188516	18.29	ug/l	96
23) Vinyl Acetate	3.782	43	756126	89.18	ug/l	99
24) 1,1-Dichloroethane	3.666	63	109107	17.52	ug/l	99
25) 2-Butanone	4.629	43	206061	86.78	ug/l	97
26) 2,2-Dichloropropane	4.544	77	90207	18.05	ug/l	100
27) cis-1,2-Dichloroethene	4.562	96	68505	17.76	ug/l	99
28) Bromochloromethane	4.977	49	42764	16.02	ug/l	99
29) Tetrahydrofuran	5.086	42	133727	87.44	ug/l	99
30) Chloroform	5.172	83	120177	18.77	ug/l	100
31) Cyclohexane	5.538	56	90011	16.74	ug/l	98
32) 1,1,1-Trichloroethane	5.458	97	104623	18.56	ug/l	99
36) 1,1-Dichloropropene	5.763	75	82924	18.00	ug/l	99
37) Ethyl Acetate	4.794	43	80933	18.52	ug/l	99
38) Carbon Tetrachloride	5.745	117	94620	19.53	ug/l	93
39) Methylcyclohexane	7.440	83	92701	17.65	ug/l	99
40) Benzene	6.105	78	254470	18.75	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	43378	17.74	ug/l	99
42) 1,2-Dichloroethane	6.159	62	93046	19.22	ug/l	99
43) Isopropyl Acetate	6.403	43	123039	17.67	ug/l	99
44) Trichloroethene	7.184	130	67928	18.81	ug/l	99
45) 1,2-Dichloropropane	7.488	63	65196	18.43	ug/l	99
46) Dibromomethane	7.635	93	46006	19.38	ug/l	100
47) Bromodichloromethane	7.873	83	95360	19.01	ug/l	99
48) Methyl methacrylate	7.745	41	62174	17.67	ug/l	98
49) 1,4-Dioxane	7.708	88	32698	396.17	ug/l	99
51) 4-Methyl-2-Pentanone	8.616	43	406666	92.52	ug/l	99
52) Toluene	8.763	92	165144	19.35	ug/l	98
53) t-1,3-Dichloropropene	9.019	75	98584	18.68	ug/l	98
54) cis-1,3-Dichloropropene	8.409	75	108819	19.12	ug/l	94
55) 1,1,2-Trichloroethane	9.195	97	69781	19.69	ug/l	98
56) Ethyl methacrylate	9.159	69	89968	17.77	ug/l	98
57) 1,3-Dichloropropane	9.348	76	115693	19.46	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	225588	92.02	ug/l	99
59) 2-Hexanone	9.470	43	301346	92.09	ug/l	99
60) Dibromochloromethane	9.561	129	77833	19.87	ug/l	100
61) 1,2-Dibromoethane	9.647	107	70793	19.30	ug/l	98
64) Tetrachloroethene	9.317	164	69046	20.32	ug/l	98
65) Chlorobenzene	10.116	112	177857	18.55	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	68927	19.36	ug/l	99
67) Ethyl Benzene	10.232	91	305209	18.36	ug/l	99
68) m/p-Xylenes	10.342	106	231649	37.36	ug/l	97
69) o-Xylene	10.683	106	111481	19.12	ug/l	98
70) Styrene	10.695	104	185856	18.56	ug/l	99
71) Bromoform	10.842	173	56037	19.61	ug/l #	100
73) Isopropylbenzene	11.000	105	302940	18.29	ug/l	100
74) N-amyl acetate	10.878	43	102476	16.13	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.250	83	103799	18.60	ug/l	99
76) 1,2,3-Trichloropropane	11.280	75	100679m	18.95	ug/l	
77) Bromobenzene	11.238	156	79943	19.07	ug/l	95
78) n-propylbenzene	11.341	91	344910	18.04	ug/l	99
79) 2-Chlorotoluene	11.402	91	214662	18.38	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	265139	18.73	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.055	75	32384	17.08	ug/l	98
82) 4-Chlorotoluene	11.494	91	252094	18.24	ug/l	98
83) tert-Butylbenzene	11.756	119	248570	18.19	ug/l	99
84) 1,2,4-Trimethylbenzene	11.786	105	270351	18.94	ug/l	97
85) sec-Butylbenzene	11.927	105	287484	18.20	ug/l	100
86) p-Isopropyltoluene	12.049	119	268634	18.32	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	139167	18.22	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	141295	17.82	ug/l	97
89) n-Butylbenzene	12.372	91	220149	16.76	ug/l	98
90) Hexachloroethane	12.579	117	47169	17.87	ug/l	95
91) 1,2-Dichlorobenzene	12.378	146	139266	18.92	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.981	75	21651	17.51	ug/l	94
93) 1,2,4-Trichlorobenzene	13.628	180	82941	17.38	ug/l	99
94) Hexachlorobutadiene	13.768	225	38327	17.04	ug/l	98
95) Naphthalene	13.817	128	264986	17.08	ug/l	100
96) 1,2,3-Trichlorobenzene	14.000	180	84653	18.21	ug/l	98

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

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