

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011521\
 Data File : VX020633.D
 Acq On : 15 Jan 2021 16:01
 Operator : JC/MD
 Sample : VX0115WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS03

Manual Integrations
 APPROVED

MMDadoda
 1/18/2021 4:22:10 PM

Quant Time: Jan 16 00:55:03 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

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	209614	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	343543	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	313265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	151704	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	149106	59.22	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 118.44%			
35) Dibromofluoromethane	5.465	113	124107	52.14	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.28%			
50) Toluene-d8	8.696	98	455513	53.48	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.96%			
62) 4-Bromofluorobenzene	11.122	95	162367	53.98	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.96%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	42261	20.44	ug/l	100
3) Chloromethane	1.313	50	39034	20.40	ug/l	98
4) Vinyl Chloride	1.392	62	44557	20.31	ug/l	99
5) Bromomethane	1.636	94	34904	23.56	ug/l	99
6) Chloroethane	1.709	64	29373	20.01	ug/l	99
7) Trichlorofluoromethane	1.916	101	73958	20.35	ug/l	99
8) Diethyl Ether	2.166	74	25137	19.42	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.361	101	42608	20.90	ug/l	99
10) Methyl Iodide	2.489	142	53418	18.79	ug/l	94
11) Tert butyl alcohol	3.014	59	44588	95.00	ug/l	98
12) 1,1-Dichloroethene	2.355	96	40153	20.06	ug/l	99
13) Acrolein	2.270	56	27083	77.61	ug/l	99
14) Allyl chloride	2.703	41	56266	20.24	ug/l	95
15) Acrylonitrile	3.111	53	113167	105.86	ug/l	99
16) Acetone	2.416	43	101423	115.77	ug/l	99
17) Carbon Disulfide	2.550	76	105453	19.11	ug/l	98
18) Methyl Acetate	2.745	43	48969	21.95	ug/l	99
19) Methyl tert-butyl Ether	3.160	73	132510	20.41	ug/l	99
20) Methylene Chloride	2.831	84	45821	19.26	ug/l	97
21) trans-1,2-Dichloroethene	3.142	96	44553	19.82	ug/l	97
22) Diisopropyl ether	3.818	45	121391	21.62	ug/l	98
23) Vinyl Acetate	3.776	43	513795	107.23	ug/l	99
24) 1,1-Dichloroethane	3.666	63	77937	20.90	ug/l	99
25) 2-Butanone	4.629	43	150827	110.84	ug/l	100
26) 2,2-Dichloropropane	4.544	77	69033	19.90	ug/l	99
27) cis-1,2-Dichloroethene	4.556	96	50150	19.99	ug/l	97
28) Bromochloromethane	4.971	49	35664	23.49	ug/l	93
29) Tetrahydrofuran	5.080	42	90420	109.09	ug/l	98
30) Chloroform	5.166	83	84892	20.36	ug/l	97
31) Cyclohexane	5.544	56	61696	20.85	ug/l	96
32) 1,1,1-Trichloroethane	5.458	97	76502	20.40	ug/l	99
36) 1,1-Dichloropropene	5.763	75	60481	19.27	ug/l	99
37) Ethyl Acetate	4.782	43	56204	19.71	ug/l	100
38) Carbon Tetrachloride	5.751	117	68741	18.77	ug/l	98
39) Methylcyclohexane	7.434	83	69037	19.26	ug/l	99
40) Benzene	6.105	78	180728	19.16	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	30376	20.36	ug/l	97
42) 1,2-Dichloroethane	6.153	62	67129	19.96	ug/l	98
43) Isopropyl Acetate	6.403	43	89644	20.28	ug/l	99
44) Trichloroethene	7.184	130	50112	17.87	ug/l	95
45) 1,2-Dichloropropane	7.482	63	44464	19.21	ug/l	99
46) Dibromomethane	7.629	93	33090	18.83	ug/l	97
47) Bromodichloromethane	7.873	83	67344	18.78	ug/l	99
48) Methyl methacrylate	7.739	41	44090	20.52	ug/l	97
49) 1,4-Dioxane	7.726	88	21741	401.37	ug/l	96
51) 4-Methyl-2-Pentanone	8.616	43	284296	103.70	ug/l	100
52) Toluene	8.763	92	114399	19.07	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	68414	18.73	ug/l	99
54) cis-1,3-Dichloropropene	8.409	75	76165	19.47	ug/l	98
55) 1,1,2-Trichloroethane	9.196	97	47183	18.61	ug/l	97
56) Ethyl methacrylate	9.153	69	63309	19.26	ug/l	97
57) 1,3-Dichloropropane	9.348	76	79037	19.19	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	131325	79.51	ug/l	97
59) 2-Hexanone	9.470	43	222096	108.06	ug/l	96
60) Dibromochloromethane	9.561	129	50878	17.77	ug/l	99
61) 1,2-Dibromoethane	9.653	107	50093	18.52	ug/l	98
64) Tetrachloroethene	9.317	164	49301	17.42	ug/l	97
65) Chlorobenzene	10.116	112	123851	18.79	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	47059	18.70	ug/l	98
67) Ethyl Benzene	10.232	91	214150	19.73	ug/l	99
68) m/p-Xylenes	10.342	106	161499	38.61	ug/l	99
69) o-Xylene	10.683	106	75086	19.48	ug/l	98
70) Styrene	10.695	104	127917	19.44	ug/l	98
71) Bromoform	10.842	173	34408	16.85	ug/l #	96
73) Isopropylbenzene	11.000	105	209102	20.44	ug/l	100
74) N-amyl acetate	10.878	43	67438	19.45	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.250	83	68438	20.54	ug/l	98
76) 1,2,3-Trichloropropane	11.281	75	68491m	21.43	ug/l	
77) Bromobenzene	11.238	156	49910	18.21	ug/l	100
78) n-propylbenzene	11.342	91	240837	21.30	ug/l	100
79) 2-Chlorotoluene	11.402	91	143715	20.60	ug/l	100
80) 1,3,5-Trimethylbenzene	11.488	105	174233	20.33	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.055	75	21129	18.01	ug/l	96
82) 4-Chlorotoluene	11.494	91	169209	20.44	ug/l	100
83) tert-Butylbenzene	11.750	119	163105	19.81	ug/l	95
84) 1,2,4-Trimethylbenzene	11.793	105	180136	21.02	ug/l	99
85) sec-Butylbenzene	11.927	105	197310	20.54	ug/l	99
86) p-Isopropyltoluene	12.049	119	183650	20.59	ug/l	98
87) 1,3-Dichlorobenzene	12.006	146	94115	18.79	ug/l	98
88) 1,4-Dichlorobenzene	12.079	146	94833	18.47	ug/l	98
89) n-Butylbenzene	12.372	91	159050	20.60	ug/l	98
90) Hexachloroethane	12.579	117	31614	18.79	ug/l	89
91) 1,2-Dichlorobenzene	12.372	146	90628	18.33	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.981	75	16006	20.46	ug/l	93
93) 1,2,4-Trichlorobenzene	13.628	180	56556	17.16	ug/l	99
94) Hexachlorobutadiene	13.762	225	25679	15.86	ug/l	100
95) Naphthalene	13.817	128	189840	19.46	ug/l	100
96) 1,2,3-Trichlorobenzene	14.000	180	58505	17.45	ug/l	98

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

