

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011121\
 Data File : VX020555.D
 Acq On : 11 Jan 2021 17:32
 Operator : JC/MD
 Sample : VX0111WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0111WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/12/2021 10:53:50 AM

Quant Time: Jan 12 02:52:52 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	184121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	276981	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	257615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	139227	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	103957	47.01	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.02%		
35) Dibromofluoromethane	5.458	113	91087	47.46	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.92%		
50) Toluene-d8	8.690	98	347975	50.67	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.34%		
62) 4-Bromofluorobenzene	11.116	95	124626	51.39	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.78%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	33362	18.37	ug/l	100
3) Chloromethane	1.307	50	31147	18.53	ug/l	99
4) Vinyl Chloride	1.392	62	36536	18.96	ug/l	99
5) Bromomethane	1.624	94	19982	15.35	ug/l	99
6) Chloroethane	1.703	64	24730	19.14	ug/l	95
7) Trichlorofluoromethane	1.910	101	62316	19.52	ug/l	98
8) Diethyl Ether	2.166	74	22478	19.77	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.361	101	37426	20.90	ug/l	97
10) Methyl Iodide	2.489	142	41538	16.63	ug/l	97
11) Tert butyl alcohol	3.020	59	41532	100.88	ug/l	99
12) 1,1-Dichloroethene	2.349	96	34566	19.66	ug/l	94
13) Acrolein	2.270	56	26420	86.19	ug/l	98
14) Allyl chloride	2.703	41	47450	19.43	ug/l	97
15) Acrylonitrile	3.111	53	95978	102.21	ug/l	99
16) Acetone	2.416	43	77007	99.53	ug/l	99
17) Carbon Disulfide	2.550	76	84135	17.36	ug/l	98
18) Methyl Acetate	2.745	43	38383	19.59	ug/l	96
19) Methyl tert-butyl Ether	3.160	73	116744	20.48	ug/l	97
20) Methylene Chloride	2.831	84	41211	19.72	ug/l	93
21) trans-1,2-Dichloroethene	3.136	96	38631	19.56	ug/l	95
22) Diisopropyl ether	3.818	45	102526	20.79	ug/l	97
23) Vinyl Acetate	3.776	43	429823	102.12	ug/l	97
24) 1,1-Dichloroethane	3.666	63	65532	20.01	ug/l	98
25) 2-Butanone	4.629	43	117576	98.37	ug/l	96
26) 2,2-Dichloropropane	4.544	77	59156	19.42	ug/l	100
27) cis-1,2-Dichloroethene	4.556	96	44047	19.99	ug/l	95
28) Bromochloromethane	4.971	49	24416	18.31	ug/l	86
29) Tetrahydrofuran	5.086	42	73946	101.57	ug/l	94
30) Chloroform	5.172	83	72664	19.84	ug/l	97
31) Cyclohexane	5.544	56	50411	19.40	ug/l	92
32) 1,1,1-Trichloroethane	5.452	97	65417	19.86	ug/l	98
36) 1,1-Dichloropropene	5.763	75	50424	19.92	ug/l	98
37) Ethyl Acetate	4.782	43	46328	20.15	ug/l	99
38) Carbon Tetrachloride	5.751	117	59614	20.19	ug/l	100
39) Methylcyclohexane	7.440	83	57457	19.88	ug/l	96
40) Benzene	6.105	78	154853	20.36	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	24618	20.46	ug/l	95
42) 1,2-Dichloroethane	6.153	62	56310	20.76	ug/l	99
43) Isopropyl Acetate	6.403	43	73247	20.55	ug/l	99
44) Trichloroethene	7.184	130	45680	20.21	ug/l	97
45) 1,2-Dichloropropane	7.482	63	38603	20.69	ug/l	97
46) Dibromomethane	7.635	93	28864	20.37	ug/l	95
47) Bromodichloromethane	7.873	83	59383	20.53	ug/l	96
48) Methyl methacrylate	7.738	41	35840	20.69	ug/l	95
49) 1,4-Dioxane	7.714	88	18824	431.03	ug/l	96
51) 4-Methyl-2-Pentanone	8.616	43	241031	109.05	ug/l	97
52) Toluene	8.763	92	102779	21.25	ug/l	100
53) t-1,3-Dichloropropene	9.019	75	59912	20.34	ug/l	98
54) cis-1,3-Dichloropropene	8.409	75	66855	21.20	ug/l	94
55) 1,1,2-Trichloroethane	9.195	97	42929	21.01	ug/l	98
56) Ethyl methacrylate	9.153	69	56900	21.47	ug/l	92
57) 1,3-Dichloropropane	9.348	76	71518	21.54	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	126815	94.33	ug/l	95
59) 2-Hexanone	9.470	43	179128	108.10	ug/l	98
60) Dibromochloromethane	9.561	129	49271	21.34	ug/l	99
61) 1,2-Dibromoethane	9.653	107	43037	19.74	ug/l	99
64) Tetrachloroethene	9.317	164	45973	19.76	ug/l	95
65) Chlorobenzene	10.116	112	110795	20.44	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.201	131	43591	21.06	ug/l	99
67) Ethyl Benzene	10.232	91	188631	21.13	ug/l	98
68) m/p-Xylenes	10.342	106	148832	43.27	ug/l	100
69) o-Xylene	10.683	106	69554	21.95	ug/l	100
70) Styrene	10.695	104	121630	22.48	ug/l	100
71) Bromoform	10.842	173	36309	21.62	ug/l #	99
73) Isopropylbenzene	11.000	105	190405	20.28	ug/l	99
74) N-amyl acetate	10.878	43	58933	18.58	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.250	83	64922	21.23	ug/l	99
76) 1,2,3-Trichloropropane	11.274	75	60768m	20.72	ug/l	
77) Bromobenzene	11.238	156	50631	20.13	ug/l	92
78) n-propylbenzene	11.341	91	219398	21.15	ug/l	99
79) 2-Chlorotoluene	11.402	91	132755	20.74	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	166572	21.18	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.055	75	19703	18.30	ug/l	99
82) 4-Chlorotoluene	11.494	91	157564	20.74	ug/l	99
83) tert-Butylbenzene	11.756	119	155533	20.59	ug/l	98
84) 1,2,4-Trimethylbenzene	11.787	105	166670	21.20	ug/l	100
85) sec-Butylbenzene	11.927	105	181354	20.57	ug/l	99
86) p-Isopropyltoluene	12.049	119	171255	20.92	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	94862	20.64	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	94814	20.12	ug/l	98
89) n-Butylbenzene	12.372	91	145021	20.47	ug/l	99
90) Hexachloroethane	12.579	117	30477	19.74	ug/l	98
91) 1,2-Dichlorobenzene	12.372	146	92990	20.49	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.981	75	13576	18.91	ug/l	96
93) 1,2,4-Trichlorobenzene	13.628	180	61988	20.49	ug/l	100
94) Hexachlorobutadiene	13.762	225	31643	21.00	ug/l	99
95) Naphthalene	13.817	128	175672	19.59	ug/l	100
96) 1,2,3-Trichlorobenzene	14.000	180	60794	19.76	ug/l	99

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

