

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011521\
 Data File : VX020635.D
 Acq On : 15 Jan 2021 17:00
 Operator : JC/MD
 Sample : VX0115WBSD04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBSD04

Manual Integrations
 APPROVED

MMDadoda
 1/18/2021 4:22:13 PM

Quant Time: Jan 16 00:56:09 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	185228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	301492	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	283432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	136799	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	122388	55.01	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	110.02%
35) Dibromofluoromethane	5.458	113	99816	47.78	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.56%
50) Toluene-d8	8.696	98	350297	46.86	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.72%
62) 4-Bromofluorobenzene	11.122	95	130301	49.36	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.72%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	38523	21.08	ug/l	98
3) Chloromethane	1.313	50	35567	21.04	ug/l	99
4) Vinyl Chloride	1.392	62	40772	21.03	ug/l	99
5) Bromomethane	1.630	94	30116	23.00	ug/l	99
6) Chloroethane	1.709	64	26289	20.28	ug/l	99
7) Trichlorofluoromethane	1.916	101	66142	20.60	ug/l	98
8) Diethyl Ether	2.166	74	24014	20.99	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.368	101	38385	21.31	ug/l	98
10) Methyl Iodide	2.489	142	49295	19.62	ug/l	93
11) Tert butyl alcohol	3.008	59	47793	115.72	ug/l	100
12) 1,1-Dichloroethene	2.355	96	35721	20.20	ug/l	96
13) Acrolein	2.270	56	24637	79.89	ug/l	99
14) Allyl chloride	2.703	41	51783	21.07	ug/l	94
15) Acrylonitrile	3.111	53	106489	112.73	ug/l	99
16) Acetone	2.416	43	91599	118.41	ug/l	98
17) Carbon Disulfide	2.550	76	94249	19.33	ug/l	99
18) Methyl Acetate	2.746	43	46777	23.73	ug/l	99
19) Methyl tert-butyl Ether	3.160	73	127499	22.23	ug/l	98
20) Methylene Chloride	2.831	84	43202	20.55	ug/l	98
21) trans-1,2-Dichloroethene	3.142	96	40426	20.35	ug/l	97
22) Diisopropyl ether	3.819	45	113918	22.96	ug/l	99
23) Vinyl Acetate	3.782	43	485545	114.67	ug/l	99
24) 1,1-Dichloroethane	3.666	63	71290	21.64	ug/l	99
25) 2-Butanone	4.629	43	138766	115.41	ug/l	97
26) 2,2-Dichloropropane	4.544	77	62917	20.53	ug/l	99
27) cis-1,2-Dichloroethene	4.556	96	46640	21.04	ug/l	97
28) Bromochloromethane	4.977	49	30206	22.51	ug/l	95
29) Tetrahydrofuran	5.087	42	84141	114.88	ug/l	97
30) Chloroform	5.166	83	77893	21.14	ug/l	98
31) Cyclohexane	5.544	56	56870	21.75	ug/l	96
32) 1,1,1-Trichloroethane	5.458	97	68723	20.74	ug/l	99
36) 1,1-Dichloropropene	5.763	75	55068	19.99	ug/l	99
37) Ethyl Acetate	4.788	43	52081	20.81	ug/l	99
38) Carbon Tetrachloride	5.751	117	61828	19.23	ug/l	96
39) Methylcyclohexane	7.440	83	62602	19.90	ug/l	93
40) Benzene	6.111	78	163092	19.70	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	28091	21.45	ug/l	97
42) 1,2-Dichloroethane	6.153	62	62141	21.05	ug/l	100
43) Isopropyl Acetate	6.403	43	84169	21.70	ug/l	99
44) Trichloroethene	7.184	130	45891	18.65	ug/l	98
45) 1,2-Dichloropropane	7.482	63	41738	20.55	ug/l	99
46) Dibromomethane	7.635	93	31477	20.41	ug/l	95
47) Bromodichloromethane	7.873	83	61564	19.56	ug/l	99
48) Methyl methacrylate	7.739	41	40266	21.35	ug/l	96
49) 1,4-Dioxane	7.720	88	20451	430.21	ug/l	96
51) 4-Methyl-2-Pentanone	8.616	43	267777	111.30	ug/l	99
52) Toluene	8.763	92	103127	19.59	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	64818	20.22	ug/l	99
54) cis-1,3-Dichloropropene	8.409	75	70873	20.64	ug/l	96
55) 1,1,2-Trichloroethane	9.196	97	44628	20.06	ug/l	94
56) Ethyl methacrylate	9.159	69	59484	20.62	ug/l	97
57) 1,3-Dichloropropane	9.348	76	73866	20.43	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	147991	100.80	ug/l	98
59) 2-Hexanone	9.470	43	201019	111.45	ug/l	98
60) Dibromochloromethane	9.561	129	48026	19.11	ug/l	99
61) 1,2-Dibromoethane	9.653	107	47459	20.00	ug/l	97
64) Tetrachloroethene	9.318	164	44480	17.37	ug/l	93
65) Chlorobenzene	10.116	112	112779	18.91	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.202	131	43992	19.32	ug/l	99
67) Ethyl Benzene	10.232	91	193565	19.71	ug/l	98
68) m/p-Xylenes	10.342	106	147314	38.92	ug/l	100
69) o-Xylene	10.683	106	69856	20.03	ug/l	99
70) Styrene	10.695	104	119408	20.06	ug/l	100
71) Bromoform	10.836	173	33227	17.98	ug/l #	98
73) Isopropylbenzene	11.000	105	187410	20.32	ug/l	100
74) N-amyl acetate	10.878	43	62263	19.89	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.250	83	64831	21.58	ug/l	99
76) 1,2,3-Trichloropropane	11.274	75	62976m	21.85	ug/l	
77) Bromobenzene	11.238	156	45540	18.43	ug/l	98
78) n-propylbenzene	11.342	91	218657	21.45	ug/l	99
79) 2-Chlorotoluene	11.403	91	130636	20.77	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	162007	20.96	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.055	75	20336	19.23	ug/l	95
82) 4-Chlorotoluene	11.494	91	154402	20.69	ug/l	100
83) tert-Butylbenzene	11.756	119	148897	20.06	ug/l	97
84) 1,2,4-Trimethylbenzene	11.793	105	164474	21.29	ug/l	99
85) sec-Butylbenzene	11.927	105	177888	20.54	ug/l	99
86) p-Isopropyltoluene	12.049	119	166916	20.75	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	85679	18.97	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	85600	18.49	ug/l	97
89) n-Butylbenzene	12.372	91	143276	20.58	ug/l	97
90) Hexachloroethane	12.579	117	30750	20.27	ug/l	94
91) 1,2-Dichlorobenzene	12.372	146	85874	19.26	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.982	75	16585	23.52	ug/l	92
93) 1,2,4-Trichlorobenzene	13.628	180	58729	19.76	ug/l	99
94) Hexachlorobutadiene	13.762	225	25346	17.28	ug/l	95
95) Naphthalene	13.817	128	200067	22.09	ug/l	98
96) 1,2,3-Trichlorobenzene	14.000	180	59585	19.71	ug/l	97

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

