

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012021\
 Data File : VX020688.D
 Acq On : 20 Jan 2021 18:11
 Operator : JC/SP
 Sample : VX0120WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0120WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/21/2021 6:36:43 PM

Quant Time: Jan 21 00:35:10 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	225247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	363900	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.097	117	332901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.060	152	159402	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	146728	47.64	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.28%
35) Dibromofluoromethane	5.464	113	122839	48.99	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.98%
50) Toluene-d8	8.695	98	448617	49.62	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.24%
62) 4-Bromofluorobenzene	11.122	95	165545	48.45	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.90%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.184	85	59265	17.77	ug/l	98
3) Chloromethane	1.312	50	56478	18.23	ug/l	99
4) Vinyl Chloride	1.392	62	57705	18.11	ug/l	99
5) Bromomethane	1.629	94	22173	14.96	ug/l	99
6) Chloroethane	1.709	64	31051	14.58	ug/l	99
7) Trichlorofluoromethane	1.916	101	71214	15.47	ug/l	98
8) Diethyl Ether	2.166	74	26663	16.43	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.367	101	44151	17.74	ug/l	97
10) Methyl Iodide	2.489	142	59176	17.76	ug/l	97
11) Tert butyl alcohol	3.013	59	49820	91.22	ug/l	99
12) 1,1-Dichloroethene	2.355	96	43667	18.10	ug/l	98
13) Acrolein	2.269	56	34293	120.74	ug/l	99
14) Allyl chloride	2.708	41	66087	18.17	ug/l	98
15) Acrylonitrile	3.111	53	126791	93.65	ug/l	99
16) Acetone	2.416	43	98910	82.70	ug/l	100
17) Carbon Disulfide	2.550	76	118837	17.23	ug/l	99
18) Methyl Acetate	2.745	43	52000	19.14	ug/l	99
19) Methyl tert-butyl Ether	3.166	73	148428	18.70	ug/l	99
20) Methylene Chloride	2.836	84	50747	17.48	ug/l	96
21) trans-1,2-Dichloroethene	3.141	96	48637	18.11	ug/l	98
22) Diisopropyl ether	3.824	45	139847	19.26	ug/l	94
23) Vinyl Acetate	3.781	43	578254	93.32	ug/l	100
24) 1,1-Dichloroethane	3.672	63	86795	18.37	ug/l	100
25) 2-Butanone	4.629	43	157185	89.92	ug/l	96
26) 2,2-Dichloropropane	4.550	77	71568	17.81	ug/l	98
27) cis-1,2-Dichloroethene	4.562	96	54910	18.08	ug/l	99
28) Bromochloromethane	4.976	49	34343	17.40	ug/l	100
29) Tetrahydrofuran	5.086	42	102736	94.67	ug/l	100
30) Chloroform	5.177	83	89760	17.84	ug/l	100
31) Cyclohexane	5.549	56	71967	17.86	ug/l	96
32) 1,1,1-Trichloroethane	5.464	97	78508	17.74	ug/l	99
36) 1,1-Dichloropropene	5.769	75	66300	18.08	ug/l	99
37) Ethyl Acetate	4.787	43	61420	18.18	ug/l	98
38) Carbon Tetrachloride	5.757	117	68905	17.61	ug/l	96
39) Methylcyclohexane	7.439	83	73684	17.65	ug/l	97
40) Benzene	6.110	78	200094	18.62	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	34096	18.71	ug/l	99
42) 1,2-Dichloroethane	6.159	62	70924	17.59	ug/l	99
43) Isopropyl Acetate	6.409	43	96463	18.49	ug/l	100
44) Trichloroethene	7.183	130	55109	18.84	ug/l	100
45) 1,2-Dichloropropane	7.488	63	49990	18.51	ug/l	98
46) Dibromomethane	7.634	93	34861	17.82	ug/l	99
47) Bromodichloromethane	7.872	83	68869	17.53	ug/l	99
48) Methyl methacrylate	7.744	41	47020	18.19	ug/l	96
49) 1,4-Dioxane	7.726	88	21989	373.06	ug/l	97
51) 4-Methyl-2-Pentanone	8.616	43	306273	93.83	ug/l	100
52) Toluene	8.762	92	122723	18.58	ug/l	100
53) t-1,3-Dichloropropene	9.018	75	72879	18.14	ug/l	99
54) cis-1,3-Dichloropropene	8.415	75	80628	18.21	ug/l	95
55) 1,1,2-Trichloroethane	9.195	97	49474	17.71	ug/l	99
56) Ethyl methacrylate	9.158	69	68959	18.19	ug/l	96
57) 1,3-Dichloropropane	9.347	76	85958	18.64	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	176130	88.18	ug/l	100
59) 2-Hexanone	9.469	43	227565	93.07	ug/l	100
60) Dibromochloromethane	9.561	129	53207	17.66	ug/l	100
61) 1,2-Dibromoethane	9.652	107	54229	18.86	ug/l	96
64) Tetrachloroethene	9.317	164	48913	18.45	ug/l	96
65) Chlorobenzene	10.122	112	131538	18.28	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	48218	17.80	ug/l	100
67) Ethyl Benzene	10.231	91	226636	18.55	ug/l	99
68) m/p-Xylenes	10.341	106	171371	37.75	ug/l	98
69) o-Xylene	10.683	106	81222	18.63	ug/l	99
70) Styrene	10.695	104	136477	17.98	ug/l	99
71) Bromoform	10.841	173	36864	17.47	ug/l #	100
73) Isopropylbenzene	11.000	105	220494	19.48	ug/l	99
74) N-amyl acetate	10.878	43	75797	18.31	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.250	83	74969	18.56	ug/l	98
76) 1,2,3-Trichloropropane	11.280	75	71753m	18.76	ug/l	
77) Bromobenzene	11.237	156	55348	19.11	ug/l	99
78) n-propylbenzene	11.341	91	245229	18.92	ug/l	99
79) 2-Chlorotoluene	11.402	91	151365	18.96	ug/l	99
80) 1,3,5-Trimethylbenzene	11.487	105	185653	19.62	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.054	75	23085	17.46	ug/l	98
82) 4-Chlorotoluene	11.493	91	179682	19.06	ug/l	99
83) tert-Butylbenzene	11.756	119	174349	18.96	ug/l	97
84) 1,2,4-Trimethylbenzene	11.792	105	190160	18.69	ug/l	99
85) sec-Butylbenzene	11.926	105	202696	19.04	ug/l	100
86) p-Isopropyltoluene	12.048	119	187798	18.09	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	98735	18.54	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	99921	18.53	ug/l	98
89) n-Butylbenzene	12.371	91	155233	17.23	ug/l	99
90) Hexachloroethane	12.579	117	29594	16.58	ug/l	99
91) 1,2-Dichlorobenzene	12.371	146	97417	18.75	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.981	75	15984	17.74	ug/l	94
93) 1,2,4-Trichlorobenzene	13.627	180	60862	18.18	ug/l	99
94) Hexachlorobutadiene	13.761	225	26679	16.89	ug/l	96
95) Naphthalene	13.816	128	195180	17.78	ug/l	99
96) 1,2,3-Trichlorobenzene	13.999	180	59904	18.23	ug/l	97

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

