

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030521\
 Data File : VX020995.D
 Acq On : 03 Mar 2021 13:46
 Operator : JC/MD
 Sample : VX0305WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/4/2021 2:16:11 PM

Quant Time: Mar 04 01:03:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	218627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	390175	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	335640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	157243	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	144209	48.83	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.66%		
35) Dibromofluoromethane	5.464	113	115940	48.91	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.82%		
50) Toluene-d8	8.694	98	445485	48.20	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.40%		
62) 4-Bromofluorobenzene	11.118	95	154923	45.33	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.66%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	41668	17.63	ug/l	99
3) Chloromethane	1.311	50	49848	18.98	ug/l	98
4) Vinyl Chloride	1.393	62	57134	18.89	ug/l	100
5) Bromomethane	1.629	94	34911	32.40	ug/l	99
6) Chloroethane	1.711	64	37470	19.81	ug/l	98
7) Trichlorofluoromethane	1.917	101	74562	19.53	ug/l	100
8) Diethyl Ether	2.170	74	33929	19.16	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.370	101	45168	19.21	ug/l	98
10) Methyl Iodide	2.493	142	54774	17.34	ug/l	97
11) Tert butyl alcohol	3.005	59	50300	76.49	ug/l	99
12) 1,1-Dichloroethene	2.358	96	45774	18.71	ug/l	98
13) Acrolein	2.270	56	35787	87.88	ug/l	100
14) Allyl chloride	2.711	41	71125	17.79	ug/l	98
15) Acrylonitrile	3.111	53	128218	91.38	ug/l	99
16) Acetone	2.417	43	131479	108.05	ug/l	100
17) Carbon Disulfide	2.552	76	125289	17.97	ug/l	99
18) Methyl Acetate	2.746	43	52424	18.21	ug/l	98
19) Methyl tert-butyl Ether	3.164	73	164159	18.78	ug/l	100
20) Methylene Chloride	2.835	84	52267	17.91	ug/l	96
21) trans-1,2-Dichloroethene	3.140	96	51819	18.85	ug/l	93
22) Diisopropyl ether	3.823	45	151079	18.79	ug/l	100
23) Vinyl Acetate	3.782	43	631568	91.86	ug/l	100
24) 1,1-Dichloroethane	3.670	63	91552	19.33	ug/l	98
25) 2-Butanone	4.629	43	175327	94.85	ug/l	99
26) 2,2-Dichloropropane	4.547	77	76645	17.82	ug/l	100
27) cis-1,2-Dichloroethene	4.564	96	58663	18.52	ug/l	100
28) Bromochloromethane	4.976	49	38096	18.81	ug/l	100
29) Tetrahydrofuran	5.088	42	105436	88.86	ug/l	99
30) Chloroform	5.170	83	90783	19.03	ug/l	97
31) Cyclohexane	5.547	56	80920	18.93	ug/l	99
32) 1,1,1-Trichloroethane	5.464	97	78722	18.94	ug/l	98
36) 1,1-Dichloropropene	5.770	75	70509	19.01	ug/l	99
37) Ethyl Acetate	4.794	43	64161	18.19	ug/l	99
38) Carbon Tetrachloride	5.753	117	65875	18.33	ug/l	100
39) Methylcyclohexane	7.441	83	87384	18.79	ug/l	99
40) Benzene	6.111	78	211089	18.99	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.000	41	35636	17.96	ug/l	99
42) 1,2-Dichloroethane	6.159	62	73176	19.80	ug/l	99
43) Isopropyl Acetate	6.411	43	105279	17.54	ug/l	99
44) Trichloroethene	7.188	130	58389	19.98	ug/l	93
45) 1,2-Dichloropropane	7.488	63	54316	19.50	ug/l	100
46) Dibromomethane	7.635	93	36344	19.37	ug/l	100
47) Bromodichloromethane	7.876	83	74136	18.97	ug/l	99
48) Methyl methacrylate	7.747	41	52999	17.60	ug/l	99
49) 1,4-Dioxane	7.712	88	23437	333.51	ug/l	100
51) 4-Methyl-2-Pentanone	8.618	43	314527	90.01	ug/l	100
52) Toluene	8.765	92	129569	18.72	ug/l	98
53) t-1,3-Dichloropropene	9.024	75	78502	17.92	ug/l	98
54) cis-1,3-Dichloropropene	8.412	75	89250	18.59	ug/l	99
55) 1,1,2-Trichloroethane	9.194	97	52125	19.05	ug/l	99
56) Ethyl methacrylate	9.159	69	76628	17.31	ug/l	98
57) 1,3-Dichloropropane	9.353	76	91365	19.47	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	198070	91.48	ug/l	98
59) 2-Hexanone	9.471	43	240018	91.55	ug/l	99
60) Dibromochloromethane	9.565	129	56799	19.68	ug/l	100
61) 1,2-Dibromoethane	9.653	107	54166	18.89	ug/l	99
64) Tetrachloroethene	9.318	164	53335	22.02	ug/l	96
65) Chlorobenzene	10.118	112	138067	19.54	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.200	131	49977	19.17	ug/l	98
67) Ethyl Benzene	10.236	91	239463	18.68	ug/l	97
68) m/p-Xylenes	10.341	106	183410	38.89	ug/l	96
69) o-Xylene	10.683	106	87570	19.03	ug/l	98
70) Styrene	10.694	104	147746	18.71	ug/l	99
71) Bromoform	10.841	173	38554	19.14	ug/l #	99
73) Isopropylbenzene	11.000	105	232910	18.75	ug/l	100
74) N-amyl acetate	10.877	43	84573	16.82	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.253	83	72096	18.01	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	62505m	18.48	ug/l	
77) Bromobenzene	11.236	156	56809	19.66	ug/l	96
78) n-propylbenzene	11.342	91	265317	18.73	ug/l	99
79) 2-Chlorotoluene	11.400	91	154699	18.03	ug/l	98
80) 1,3,5-Trimethylbenzene	11.489	105	191570	18.54	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	23090	15.11	ug/l	97
82) 4-Chlorotoluene	11.494	91	179783	18.17	ug/l	100
83) tert-Butylbenzene	11.753	119	185016	18.40	ug/l	98
84) 1,2,4-Trimethylbenzene	11.789	105	196156	18.70	ug/l	100
85) sec-Butylbenzene	11.930	105	219864	18.56	ug/l	100
86) p-Isopropyltoluene	12.047	119	204940	18.87	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	100585	19.44	ug/l	100
88) 1,4-Dichlorobenzene	12.083	146	101236	19.21	ug/l	99
89) n-Butylbenzene	12.371	91	172653	17.81	ug/l	99
90) Hexachloroethane	12.577	117	34418	16.60	ug/l	97
91) 1,2-Dichlorobenzene	12.377	146	97804	19.37	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	15749	17.18	ug/l	96
93) 1,2,4-Trichlorobenzene	13.630	180	62507	19.30	ug/l	99
94) Hexachlorobutadiene	13.765	225	25907	19.97	ug/l	99
95) Naphthalene	13.818	128	204955	17.77	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	59739	18.57	ug/l	99

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

