

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081121\
 Data File : VX023644.D
 Acq On : 11 Aug 2021 10:30
 Operator : JC/MD
 Sample : VSTD20010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200610

Quant Time: Aug 11 11:49:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML081121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 11 11:44:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	343625	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	328642	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	160517	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	352732	145.946	ug/L	0.00
7) Chloroethane-d5	1.648	69	284389	154.709	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.300	63	777664	169.997	ug/L	0.00
21) 2-Butanone-d5	4.471	46	697192	352.750	ug/L	0.00
24) Chloroform-d	5.068	84	827354	179.542	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	540838	176.970	ug/L	0.00
32) Benzene-d6	5.983	84	1598259	160.492	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.318	67	509849	162.772	ug/L	0.00
41) Toluene-d8	8.653	98	1558408	169.962	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	267212	175.142	ug/L	0.00
47) 2-Hexanone-d5	9.390	63	504031	332.083	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	672770	157.359	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	555041	173.311	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	426920	173.641	ug/L	99
3) Chloromethane	1.294	50	413302	171.490	ug/L	98
5) Vinyl chloride	1.374	62	425384	163.533	ug/L	99
6) Bromomethane	1.599	94	232295	176.278	ug/L	99
8) Chloroethane	1.672	64	270354	174.243	ug/L	99
9) Trichlorofluoromethane	1.880	101	718363	192.158	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	406325	182.867	ug/L	96
12) 1,1-Dichloroethene	2.312	96	366438	174.741	ug/L	82
13) Acetone	2.392	43	492826	334.348	ug/L	93
14) Carbon disulfide	2.508	76	781146	136.732	ug/L	99
15) Methyl Acetate	2.715	43	521703	184.987	ug/L	92
16) Methylene chloride	2.788	84	437400	169.040	ug/L	89
17) trans-1,2-Dichloroethene	3.093	96	383240	167.923	ug/L	94
18) Methyl tert-butyl Ether	3.123	73	1446543	183.985	ug/L	96
19) 1,1-Dichloroethane	3.617	63	795577	184.498	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	472061	180.087	ug/L	96
22) 2-Butanone	4.574	43	794639	357.307	ug/L	92
23) Bromochloromethane	4.910	128	247257	199.239	ug/L	97
25) Chloroform	5.105	83	843798	189.785	ug/L	100
27) 1,2-Dichloroethane	6.098	62	692891	196.983	ug/L	96
29) Cyclohexane	5.477	56	650860	155.865	ug/L	96
30) 1,1,1-Trichloroethane	5.391	97	745425	187.935	ug/L	98
31) Carbon tetrachloride	5.684	117	645129	195.779	ug/L	99
33) Benzene	6.050	78	1738708	169.483	ug/L	100
34) Trichloroethene	7.129	95	466381	177.345	ug/L	96
35) Methylcyclohexane	7.385	83	677826	159.454	ug/L	99
37) 1,2-Dichloropropane	7.440	63	486208	181.356	ug/L	98
38) Bromodichloromethane	7.830	83	648389	194.997	ug/L	99
39) cis-1,3-Dichloropropene	8.372	75	773672	189.724	ug/L	98
40) 4-Methyl-2-pentanone	8.586	43	1567314	370.430	ug/L	92
42) Toluene	8.726	91	1969713	179.388	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	796114	197.659	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.159	97	493636	190.446	ug/L	99
46) Tetrachloroethene	9.281	164	361266	199.249	ug/L	97
48) 2-Hexanone	9.439	43	1187845	350.098	ug/L #	89
49) Dibromochloromethane	9.525	129	561575	225.171	ug/L	95
50) 1,2-Dibromoethane	9.616	107	523103	195.924	ug/L	99
51) Chlorobenzene	10.085	112	1304277	187.439	ug/L	96
52) Ethylbenzene	10.201	91	2208921	181.375	ug/L	96
53) m,p-Xylene	10.305	106	863880	184.961	ug/L	98
54) o-Xylene	10.646	106	863207	190.128	ug/L	95
55) Styrene	10.659	104	1487919	194.417	ug/L	91
57) 1,1,2,2-Tetrachloroethane	11.213	83	728374	174.111	ug/L	100
59) Bromoform	10.805	173	399654	239.816	ug/L	99
60) Isopropylbenzene	10.969	105	2290664	181.385	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	614530	168.967	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	1872882	176.993	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	1876225	175.534	ug/L	100
64) 1,3-Dichlorobenzene	11.975	146	980187	189.129	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	980662	188.862	ug/L	99
67) 1,2-Dichlorobenzene	12.341	146	965898	185.768	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	178462	198.495	ug/L	96
69) 1,3,5-Trichlorobenzene	13.115	180	702585	207.866	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	641360	211.553	ug/L	98
71) Naphthalene	13.780	128	2267786	185.055	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	654658	214.664	ug/L	98

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

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