

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035118.D
 Acq On : 18 Apr 2023 13:13
 Operator : JC/MD
 Sample : VSTD10035
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100635

Quant Time: Apr 19 00:32:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 00:30:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	512877	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	453711	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	219394	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	331701	100.302	ug/L	0.00
7) Chloroethane-d5	1.672	69	238484	99.800	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	158166	28.779	ug/L	0.00
21) 2-Butanone-d5	4.465	46	455356	206.217	ug/L	0.00
24) Chloroform-d	5.056	84	640029	102.769	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	398203	99.568	ug/L	0.00
32) Benzene-d6	5.970	84	1299961	99.741	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	401251	100.785	ug/L	0.00
41) Toluene-d8	8.647	98	1185254	99.504	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.946	79	192920	110.882	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	338259	211.576	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	497439	102.024	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	426824	100.391	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	420463	109.386	ug/L	99
3) Chloromethane	1.294	50	381619	109.093	ug/L	100
5) Vinyl chloride	1.374	62	395073	108.832	ug/L	99
6) Bromomethane	1.618	94	234994	108.994	ug/L	98
8) Chloroethane	1.691	64	221934	109.619	ug/L	98
9) Trichlorofluoromethane	1.886	101	539884	109.827	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	364248	108.461	ug/L	100
12) 1,1-Dichloroethene	2.319	96	337998	110.309	ug/L	97
13) Acetone	2.392	43	345442	211.342	ug/L	100
14) Carbon disulfide	2.514	76	876206	115.741	ug/L	100
15) Methyl Acetate	2.703	43	387378	110.636	ug/L	99
16) Methylene chloride	2.788	84	366068	107.296	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	345039	109.356	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	1207715	110.680	ug/L	100
19) 1,1-Dichloroethane	3.611	63	671988	110.483	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	404803	109.735	ug/L	99
22) 2-Butanone	4.562	43	557040	222.028	ug/L	98
23) Bromochloromethane	4.897	128	202825	111.010	ug/L	98
25) Chloroform	5.093	83	685129	111.101	ug/L	100
27) 1,2-Dichloroethane	6.086	62	535690	108.457	ug/L	100
29) Cyclohexane	5.471	56	592945	108.161	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	596134	112.028	ug/L	99
31) Carbon tetrachloride	5.678	117	520127	115.270	ug/L	100
33) Benzene	6.037	78	1483403	107.962	ug/L	100
34) Trichloroethene	7.123	95	396567	108.500	ug/L	98
35) Methylcyclohexane	7.379	83	531036	107.884	ug/L	100
37) 1,2-Dichloropropane	7.428	63	396361	109.569	ug/L	100
38) Bromodichloromethane	7.818	83	494886	115.784	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	645832	119.400	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	1058065	221.883	ug/L	99
42) Toluene	8.720	91	1553179	108.953	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	592012	121.470	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	376109	109.566	ug/L	99
46) Tetrachloroethene	9.275	164	295207	108.428	ug/L	99
48) 2-Hexanone	9.433	43	801588	221.396	ug/L	98
49) Dibromochloromethane	9.519	129	388903	119.212	ug/L	99
50) 1,2-Dibromoethane	9.610	107	400344	112.083	ug/L	99
51) Chlorobenzene	10.079	112	1021132	108.727	ug/L	99
52) Ethylbenzene	10.195	91	1727318	109.612	ug/L	100
53) m,p-Xylene	10.299	106	666893	110.516	ug/L	99
54) o-Xylene	10.640	106	656253	110.615	ug/L	96
55) Styrene	10.653	104	1126422	112.062	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	559350	110.565	ug/L	98
59) Bromoform	10.799	173	280087	124.018	ug/L	100
60) Isopropylbenzene	10.963	105	1630307	109.284	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	436303	107.713	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	1348768	110.555	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	1351896	111.441	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	752955	110.666	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	768498	110.382	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	753237	109.184	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	120257	120.318	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	471002	111.977	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	445718	113.168	ug/L	98
71) Naphthalene	13.774	128	1593521	113.585	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	427665	109.991	ug/L	96

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

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