

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035135.D
 Acq On : 18 Apr 2023 19:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050628

Quant Time: Apr 19 00:57:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 00:53:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	498094	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	434341	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	209870	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	162033	50.451	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 100.900%	
7) Chloroethane-d5	1.672	69	118556	51.085	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 102.180%	
11) 1,1-Dichloroethene-d2	2.306	65	78357	50.989	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 101.980%	
21) 2-Butanone-d5	4.458	46	222324	103.876	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 103.880%	
24) Chloroform-d	5.056	84	314028	51.920	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 103.840%	
26) 1,2-Dichloroethane-d4	5.952	65	198015	50.982	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.960%	
32) Benzene-d6	5.976	84	646530	51.818	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 103.640%	
36) 1,2-Dichloropropane-d6	7.305	67	199225	52.273	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 104.540%	
41) Toluene-d8	8.647	98	591439	51.867	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 103.740%	
43) trans-1,3-Dichloroprop...	8.952	79	86041	51.658	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 103.320%	
47) 2-Hexanone-d5	9.384	63	161910	105.789	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 105.790%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	244929	52.475	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 104.940%	
66) 1,2-Dichlorobenzene-d4	12.323	152	207489	51.017	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 102.040%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	183697	49.208	ug/L	99
3) Chloromethane	1.294	50	167497	49.303	ug/L	99
5) Vinyl chloride	1.374	62	171966	48.778	ug/L	97
6) Bromomethane	1.617	94	80774	38.576	ug/L	98
8) Chloroethane	1.691	64	99010	50.355	ug/L	99
9) Trichlorofluoromethane	1.886	101	238264	49.908	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	159868	49.016	ug/L	100
12) 1,1-Dichloroethene	2.319	96	148851	50.021	ug/L	95
13) Acetone	2.392	43	146767	92.457	ug/L	99
14) Carbon disulfide	2.514	76	360943	49.093	ug/L	100
15) Methyl Acetate	2.703	43	166137	48.857	ug/L	99
16) Methylene chloride	2.788	84	162013	48.896	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	150025	48.960	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	528275	49.850	ug/L	99
19) 1,1-Dichloroethane	3.611	63	294390	49.838	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	178221	49.746	ug/L	98
22) 2-Butanone	4.562	43	232889	95.581	ug/L	99
23) Bromochloromethane	4.897	128	87315	49.208	ug/L	98
25) Chloroform	5.092	83	298494	49.841	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	236156	49.232	ug/L	99
29) Cyclohexane	5.470	56	259603	49.467	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	252686	49.604	ug/L	99
31) Carbon tetrachloride	5.678	117	212983	49.306	ug/L	98
33) Benzene	6.037	78	656772	49.931	ug/L	100
34) Trichloroethene	7.123	95	170741	48.798	ug/L	99
35) Methylcyclohexane	7.379	83	229380	48.679	ug/L	99
37) 1,2-Dichloropropane	7.427	63	171660	49.569	ug/L	99
38) Bromodichloromethane	7.824	83	207508	50.714	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	264370	51.056	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	459761	100.712	ug/L	99
42) Toluene	8.720	91	689340	50.513	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	234432	50.246	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	165205	50.273	ug/L	99
46) Tetrachloroethene	9.275	164	128885	49.450	ug/L	97
48) 2-Hexanone	9.427	43	346884	100.081	ug/L	100
49) Dibromochloromethane	9.518	129	160032	51.243	ug/L	98
50) 1,2-Dibromoethane	9.610	107	172396	50.418	ug/L	99
51) Chlorobenzene	10.079	112	449028	49.943	ug/L	99
52) Ethylbenzene	10.195	91	762916	50.572	ug/L	100
53) m,p-Xylene	10.299	106	292887	50.701	ug/L	99
54) o-Xylene	10.640	106	287757	50.666	ug/L	98
55) Styrene	10.652	104	493433	51.278	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	248146	51.238	ug/L	99
59) Bromoform	10.799	173	107839	49.916	ug/L	99
60) Isopropylbenzene	10.963	105	718557	50.353	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	192869	49.776	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	586343	50.242	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	591549	50.976	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	325166	49.960	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	329492	49.474	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	325831	49.373	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	48181	50.393	ug/L	98
69) 1,3,5-Trichlorobenzene	13.115	180	198855	49.422	ug/L	100
70) 1,2,4-trichlorobenzene	13.591	180	186656	49.543	ug/L	99
71) Naphthalene	13.774	128	691616	51.535	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	186254	50.076	ug/L	98

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

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