

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061322\
 Data File : VX029409.D
 Acq On : 13 Jun 2022 13:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050754

Quant Time: Jun 14 04:11:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 13 17:34:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	371345	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	345182	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	177421	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	144493	50.255	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 100.520%		
7) Chloroethane-d5	1.666	69	108528	60.739	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 121.480%		
11) 1,1-Dichloroethene-d2	2.306	63	256347	49.485	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 98.980%		
21) 2-Butanone-d5	4.458	46	232857	106.818	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 106.820%		
24) Chloroform-d	5.062	84	278149	50.669	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 101.340%		
26) 1,2-Dichloroethane-d4	5.958	65	178197	50.208	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 100.420%		
32) Benzene-d6	5.976	84	541208	50.195	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 100.400%		
36) 1,2-Dichloropropane-d6	7.311	67	159951	50.650	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 101.300%		
41) Toluene-d8	8.653	98	505674	49.747	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 99.500%		
43) trans-1,3-Dichloroprop...	8.951	79	69215	44.449	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 88.900%		
47) 2-Hexanone-d5	9.384	63	184169	107.822	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 107.820%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	243908	52.673	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 105.340%		
66) 1,2-Dichlorobenzene-d4	12.323	152	191608	51.945	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 103.900%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	164609	46.199	ug/L	100
3) Chloromethane	1.288	50	154737	46.306	ug/L	98
5) Vinyl chloride	1.373	62	151371	46.798	ug/L	100
6) Bromomethane	1.611	94	67474	44.459	ug/L	99
8) Chloroethane	1.684	64	90800	54.747	ug/L	95
9) Trichlorofluoromethane	1.886	101	212325	45.907	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	123000	45.167	ug/L	99
12) 1,1-Dichloroethene	2.318	96	117441	46.642	ug/L	84
13) Acetone	2.386	43	135048	92.950	ug/L	97
14) Carbon disulfide	2.514	76	324853	47.047	ug/L	98
15) Methyl Acetate	2.703	43	148334	51.465	ug/L	92
16) Methylene chloride	2.788	84	134955	48.365	ug/L	90
17) trans-1,2-Dichloroethene	3.093	96	128028	47.478	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	449137	49.725	ug/L	97
19) 1,1-Dichloroethane	3.611	63	229805	48.247	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	146820	48.172	ug/L	99
22) 2-Butanone	4.562	43	217678	99.524	ug/L	94
23) Bromochloromethane	4.903	128	74186	49.180	ug/L	94
25) Chloroform	5.092	83	253438	48.117	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	198444	49.311	ug/L	100
29) Cyclohexane	5.470	56	214708	46.601	ug/L	94
30) 1,1,1-Trichloroethane	5.385	97	222077	46.389	ug/L	97
31) Carbon tetrachloride	5.684	117	177338	46.149	ug/L	99
33) Benzene	6.043	78	544030	48.197	ug/L	100
34) Trichloroethene	7.129	95	153202	38.510	ug/L	98
35) Methylcyclohexane	7.385	83	221048	44.014	ug/L	98
37) 1,2-Dichloropropane	7.433	63	134908	49.024	ug/L	99
38) Bromodichloromethane	7.824	83	189444	48.365	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	183163	41.645	ug/L	95
40) 4-Methyl-2-pentanone	8.573	43	420166	102.144	ug/L #	93
42) Toluene	8.720	91	593848	48.279	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	173149	41.970	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	142560	49.046	ug/L	98
46) Tetrachloroethene	9.275	164	101841	44.597	ug/L	96
48) 2-Hexanone	9.433	43	328576	103.120	ug/L	94
49) Dibromochloromethane	9.524	129	146913	48.478	ug/L	99
50) 1,2-Dibromoethane	9.610	107	155482	50.124	ug/L	100
51) Chlorobenzene	10.079	112	376747	48.250	ug/L	97
52) Ethylbenzene	10.195	91	651929	48.429	ug/L	100
53) m,p-Xylene	10.305	106	253627	47.998	ug/L	97
54) o-Xylene	10.646	106	254506	48.834	ug/L	98
55) Styrene	10.658	104	438124	50.004	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	230852	51.249	ug/L	99
59) Bromoform	10.799	173	98100	49.659	ug/L	99
60) Isopropylbenzene	10.963	105	663559	47.883	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	187636	50.564	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	570900	48.237	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	575013	48.932	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	281000	48.949	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	285303	49.231	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	285857	49.370	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	52231	51.176	ug/L	93
69) 1,3,5-Trichlorobenzene	13.115	180	186015	47.351	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	175936	49.727	ug/L	99
71) Naphthalene	13.780	128	684857	52.559	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	176299	49.327	ug/L	98

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

