

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
 Data File : VX025588.D
 Acq On : 07 Dec 2021 19:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050717

Quant Time: Dec 08 05:37:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 05:26:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	157170	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	147283	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	76261	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	58156	54.219	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 108.440%		
7) Chloroethane-d5	1.666	69	46476	52.499	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 105.000%		
11) 1,1-Dichloroethene-d2	2.307	63	92347	53.997	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 108.000%		
21) 2-Butanone-d5	4.459	46	75262	94.260	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 94.260%		
24) Chloroform-d	5.062	84	95115	50.738	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 101.480%		
26) 1,2-Dichloroethane-d4	5.958	65	59619	51.023	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 102.040%		
32) Benzene-d6	5.977	84	197753	50.661	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 101.320%		
36) 1,2-Dichloropropane-d6	7.312	67	58559	48.454	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 96.900%		
41) Toluene-d8	8.653	98	187330	50.844	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 101.680%		
43) trans-1,3-Dichloroprop...	8.952	79	26331	43.335	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 86.660%		
47) 2-Hexanone-d5	9.385	63	56752	90.211	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 90.210%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	81554	47.747	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 95.500%		
66) 1,2-Dichlorobenzene-d4	12.323	152	74831	50.029	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 100.060%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	54199	58.764	ug/L	100
3) Chloromethane	1.295	50	50041	52.566	ug/L	96
5) Vinyl chloride	1.374	62	54273	48.835	ug/L	98
6) Bromomethane	1.599	94	32180	55.350	ug/L	99
8) Chloroethane	1.685	64	34232	46.238	ug/L	99
9) Trichlorofluoromethane	1.886	101	79559	45.875	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	44921	49.323	ug/L	99
12) 1,1-Dichloroethene	2.319	96	41441	49.102	ug/L	87
13) Acetone	2.380	43	56149	85.523	ug/L	99
14) Carbon disulfide	2.514	76	94404	45.491	ug/L	100
15) Methyl Acetate	2.703	43	48480	45.691	ug/L #	89
16) Methylene chloride	2.794	84	46813	47.957	ug/L	98
17) trans-1,2-Dichloroethene	3.099	96	44407	48.872	ug/L	92
18) Methyl tert-butyl Ether	3.117	73	142891	46.269	ug/L	99
19) 1,1-Dichloroethane	3.611	63	76522	47.026	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	50763	47.409	ug/L	100
22) 2-Butanone	4.562	43	77476	89.230	ug/L	98
23) Bromochloromethane	4.904	128	26436	46.733	ug/L	98
25) Chloroform	5.099	83	82675	46.687	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	63344	49.180	ug/L	100
29) Cyclohexane	5.471	56	71055	47.090	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	72765	44.754	ug/L	99
31) Carbon tetrachloride	5.678	117	61371	42.270	ug/L	99
33) Benzene	6.044	78	184314	46.844	ug/L	100
34) Trichloroethene	7.129	95	47756	46.146	ug/L	96
35) Methylcyclohexane	7.385	83	75848	46.566	ug/L	99
37) 1,2-Dichloropropane	7.434	63	45706	46.312	ug/L	100
38) Bromodichloromethane	7.824	83	56240	40.921	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	69376	43.160	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	141133	89.557	ug/L	99
42) Toluene	8.720	91	200965	46.313	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	65861	42.631	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	48045	45.875	ug/L	96
46) Tetrachloroethene	9.275	164	40949	46.657	ug/L	99
48) 2-Hexanone	9.433	43	111245	87.892	ug/L	100
49) Dibromochloromethane	9.525	129	47207	39.108	ug/L	98
50) 1,2-Dibromoethane	9.610	107	50579	45.313	ug/L	99
51) Chlorobenzene	10.080	112	132840	46.410	ug/L	98
52) Ethylbenzene	10.195	91	217431	46.624	ug/L	100
53) m,p-Xylene	10.305	106	87953	46.560	ug/L	98
54) o-Xylene	10.640	106	86208	45.591	ug/L	92
55) Styrene	10.659	104	146506	46.627	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.214	83	73203	45.265	ug/L	97
59) Bromoform	10.799	173	32269	34.294	ug/L	99
60) Isopropylbenzene	10.964	105	225631	46.037	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	58853	45.113	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	191713	46.768	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	191714	46.288	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	105964	47.085	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	106054	46.654	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	105069	46.172	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	13562	37.406	ug/L	99
69) 1,3,5-Trichlorobenzene	13.116	180	76690	46.843	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	66799	48.540	ug/L	99
71) Naphthalene	13.780	128	230215	49.354	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	67811	48.101	ug/L	99

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

