

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
 Data File : VX025566.D
 Acq On : 07 Dec 2021 09:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050716

Quant Time: Dec 08 05:19:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 26 23:56:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	128371	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	119595	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	63467	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	46961	53.604	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 107.200%			
7) Chloroethane-d5	1.666	69	37422	51.755	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.520%			
11) 1,1-Dichloroethene-d2	2.306	63	82650	59.168	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 118.340%			
21) 2-Butanone-d5	4.452	46	58705	90.018	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.020%			
24) Chloroform-d	5.056	84	83597	54.599	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.200%			
26) 1,2-Dichloroethane-d4	5.952	65	51042	53.483	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.960%			
32) Benzene-d6	5.970	84	169277	53.406	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.820%			
36) 1,2-Dichloropropane-d6	7.305	67	48830	49.758	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.520%			
41) Toluene-d8	8.647	98	160392	53.611	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.220%			
43) trans-1,3-Dichloroprop...	8.951	79	23712	48.059	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.120%			
47) 2-Hexanone-d5	9.384	63	45030	88.149	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.150%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	68734	49.558	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.120%			
66) 1,2-Dichlorobenzene-d4	12.323	152	62671	50.346	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	52699	69.957	ug/L	99
3) Chloromethane	1.294	50	47033	60.491	ug/L	99
5) Vinyl chloride	1.374	62	50901	56.076	ug/L	100
6) Bromomethane	1.605	94	29784	62.722	ug/L	98
8) Chloroethane	1.684	64	32011	52.938	ug/L	99
9) Trichlorofluoromethane	1.886	101	76532	54.030	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	45125	60.662	ug/L	97
12) 1,1-Dichloroethene	2.318	96	40375	58.571	ug/L	90
13) Acetone	2.379	43	63186	117.833	ug/L	99
14) Carbon disulfide	2.514	76	105853	62.451	ug/L	99
15) Methyl Acetate	2.703	43	44630	51.498	ug/L #	90
16) Methylene chloride	2.788	84	44827	56.225	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	42433	57.176	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	133420	52.894	ug/L	99
19) 1,1-Dichloroethane	3.611	63	74026	55.698	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	48959	55.982	ug/L	99
22) 2-Butanone	4.556	43	76599	108.011	ug/L	98
23) Bromochloromethane	4.897	128	25331	54.825	ug/L	97
25) Chloroform	5.092	83	80265	55.494	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	61650	58.603	ug/L	99
29) Cyclohexane	5.470	56	68931	56.259	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	71345	54.040	ug/L	99
31) Carbon tetrachloride	5.678	117	62857	53.317	ug/L	100
33) Benzene	6.037	78	176604	55.276	ug/L	100
34) Trichloroethene	7.122	95	46624	55.482	ug/L	97
35) Methylcyclohexane	7.379	83	77458	58.564	ug/L	100
37) 1,2-Dichloropropane	7.427	63	43278	54.005	ug/L	100
38) Bromodichloromethane	7.817	83	58530	52.447	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	67862	51.992	ug/L	95
40) 4-Methyl-2-pentanone	8.573	43	128366	100.314	ug/L	99
42) Toluene	8.720	91	194338	55.155	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	65059	51.861	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	44990	52.903	ug/L	100
46) Tetrachloroethene	9.275	164	40231	56.451	ug/L	97
48) 2-Hexanone	9.433	43	107864	104.951	ug/L	99
49) Dibromochloromethane	9.525	129	50738	51.764	ug/L	98
50) 1,2-Dibromoethane	9.610	107	47391	52.286	ug/L	97
51) Chlorobenzene	10.079	112	128259	55.184	ug/L	97
52) Ethylbenzene	10.195	91	212143	56.022	ug/L	99
53) m,p-Xylene	10.305	106	85344	55.639	ug/L	97
54) o-Xylene	10.640	106	83310	54.258	ug/L	93
55) Styrene	10.652	104	140998	55.264	ug/L	91
57) 1,1,2,2-Tetrachloroethane	11.213	83	70254	53.499	ug/L	99
59) Bromoform	10.799	173	34923	44.596	ug/L	99
60) Isopropylbenzene	10.963	105	219379	53.785	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	55209	50.851	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	186905	54.787	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	185229	53.737	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	101714	54.308	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	103227	54.564	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	102040	53.880	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	13832	45.841	ug/L	91
69) 1,3,5-Trichlorobenzene	13.115	180	74831	54.922	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	64120	55.986	ug/L	98
71) Naphthalene	13.780	128	206500	53.194	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	63044	53.734	ug/L	98

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

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