

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122421\
 Data File : VX026008.D
 Acq On : 24 Dec 2021 10:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050739

Quant Time: Dec 24 16:38:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 21:00:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	258444	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	255381	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	135172	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	89242	48.694	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.380%		
7) Chloroethane-d5	1.666	69	68685	46.895	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.800%		
11) 1,1-Dichloroethene-d2	2.313	63	179931	49.542	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.080%		
21) 2-Butanone-d5	4.452	46	133823	84.221	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.220%		
24) Chloroform-d	5.056	84	166847	45.492	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.980%		
26) 1,2-Dichloroethane-d4	5.952	65	116468	46.902	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.800%		
32) Benzene-d6	5.976	84	351817	47.861	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.720%		
36) 1,2-Dichloropropane-d6	7.306	67	110629	48.416	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.840%		
41) Toluene-d8	8.647	98	334007	48.666	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.340%		
43) trans-1,3-Dichloroprop...	8.952	79	50108	50.404	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.800%		
47) 2-Hexanone-d5	9.384	63	110809	93.965	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.970%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	157782	46.831	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.660%		
66) 1,2-Dichlorobenzene-d4	12.323	152	129334	50.634	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.260%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	136977	53.029	ug/L	100
3) Chloromethane	1.294	50	126807	52.888	ug/L	99
5) Vinyl chloride	1.374	62	123299	51.813	ug/L	99
6) Bromomethane	1.605	94	72760	53.544	ug/L	100
8) Chloroethane	1.691	64	71025	49.430	ug/L	100
9) Trichlorofluoromethane	1.892	101	184097	51.123	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	100702	54.231	ug/L	94
12) 1,1-Dichloroethene	2.319	96	91294	52.566	ug/L	77
13) Acetone	2.380	43	88681	102.087	ug/L	95
14) Carbon disulfide	2.514	76	237900	49.596	ug/L	98
15) Methyl Acetate	2.703	43	113713	47.497	ug/L #	91
16) Methylene chloride	2.788	84	113677	56.296	ug/L	92
17) trans-1,2-Dichloroethene	3.093	96	97885	52.928	ug/L	91
18) Methyl tert-butyl Ether	3.111	73	319878	53.242	ug/L	96
19) 1,1-Dichloroethane	3.611	63	181659	52.082	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	108692	52.661	ug/L	87
22) 2-Butanone	4.556	43	155768	96.306	ug/L	96
23) Bromochloromethane	4.897	128	54310	52.744	ug/L #	84
25) Chloroform	5.092	83	197543	54.284	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	152722	50.878	ug/L	98
29) Cyclohexane	5.470	56	175358	52.279	ug/L	94
30) 1,1,1-Trichloroethane	5.385	97	157753	50.730	ug/L	96
31) Carbon tetrachloride	5.678	117	132447	49.145	ug/L	99
33) Benzene	6.037	78	410317	50.597	ug/L	100
34) Trichloroethene	7.123	95	105312	50.769	ug/L	91
35) Methylcyclohexane	7.379	83	171739	52.308	ug/L	93
37) 1,2-Dichloropropane	7.427	63	106605	51.791	ug/L	98
38) Bromodichloromethane	7.824	83	132097	48.968	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	158833	53.699	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	336334	97.190	ug/L	96
42) Toluene	8.720	91	452335	52.377	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	153491	54.683	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	105377	53.001	ug/L	98
46) Tetrachloroethene	9.275	164	86549	54.691	ug/L	97
48) 2-Hexanone	9.433	43	272127	103.388	ug/L	96
49) Dibromochloromethane	9.525	129	102788	50.059	ug/L	96
50) 1,2-Dibromoethane	9.610	107	112369	52.924	ug/L	98
51) Chlorobenzene	10.079	112	290819	53.498	ug/L	94
52) Ethylbenzene	10.195	91	509677	54.415	ug/L	97
53) m,p-Xylene	10.305	106	195148	54.580	ug/L	99
54) o-Xylene	10.640	106	185477	52.372	ug/L	86
55) Styrene	10.652	104	318089	53.204	ug/L	88
57) 1,1,2,2-Tetrachloroethane	11.213	83	165066	49.405	ug/L	96
59) Bromoform	10.799	173	66638	47.734	ug/L	99
60) Isopropylbenzene	10.963	105	494458	53.242	ug/L	97
61) 1,2,3-Trichloropropane	11.238	75	133369	49.380	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	417716	53.720	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	426150	54.706	ug/L #	81
64) 1,3-Dichlorobenzene	11.969	146	221044	53.345	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	222497	53.332	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	217778	53.155	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	34111	47.938	ug/L #	78
69) 1,3,5-Trichlorobenzene	13.115	180	153508	55.184	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	140110	56.558	ug/L	97
71) Naphthalene	13.780	128	519568	55.480	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	139775	54.636	ug/L	99

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

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