

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080622\
 Data File : VX030453.D
 Acq On : 06 Aug 2022 10:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050768

Quant Time: Aug 07 00:16:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 02:08:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	305418	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	282774	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	138209	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	81997	41.807	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.620%		
7) Chloroethane-d5	1.666	69	66608	48.174	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.340%		
11) 1,1-Dichloroethene-d2	2.306	63	178723	48.172	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.340%		
21) 2-Butanone-d5	4.465	46	190367	104.754	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	104.750%		
24) Chloroform-d	5.062	84	193323	47.882	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.760%		
26) 1,2-Dichloroethane-d4	5.958	65	129694	47.308	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.620%		
32) Benzene-d6	5.970	84	346511	42.779	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.560%		
36) 1,2-Dichloropropane-d6	7.312	67	117423	44.682	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.360%		
41) Toluene-d8	8.653	98	316952	41.512	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.020%		
43) trans-1,3-Dichloroprop...	8.952	79	56226	43.007	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.020%		
47) 2-Hexanone-d5	9.384	63	130154	97.164	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.160%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	163467	47.350	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.700%		
66) 1,2-Dichlorobenzene-d4	12.323	152	118323	44.139	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.280%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	120323	52.355	ug/L	98
3) Chloromethane	1.294	50	107176	54.235	ug/L	96
5) Vinyl chloride	1.374	62	111539	52.842	ug/L	98
6) Bromomethane	1.611	94	52216	52.641	ug/L	97
8) Chloroethane	1.685	64	65110	54.153	ug/L	96
9) Trichlorofluoromethane	1.886	101	162093	51.959	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	103009	55.515	ug/L	98
12) 1,1-Dichloroethene	2.319	96	94462	55.259	ug/L	80
13) Acetone	2.392	43	135060	101.406	ug/L	98
14) Carbon disulfide	2.514	76	272648	49.210	ug/L	100
15) Methyl Acetate	2.709	43	144570	52.441	ug/L	100
16) Methylene chloride	2.788	84	107722	49.696	ug/L	94
17) trans-1,2-Dichloroethene	3.093	96	100590	50.792	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	338983	50.332	ug/L	99
19) 1,1-Dichloroethane	3.611	63	197825	51.646	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	114023	51.181	ug/L	99
22) 2-Butanone	4.562	43	218646	104.064	ug/L	99
23) Bromochloromethane	4.910	128	54984	49.215	ug/L	97
25) Chloroform	5.093	83	207656	51.597	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	171221	51.116	ug/L	96
29) Cyclohexane	5.471	56	184176	48.993	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	176940	47.438	ug/L	99
31) Carbon tetrachloride	5.678	117	150766	48.974	ug/L	99
33) Benzene	6.037	78	438444	48.360	ug/L	100
34) Trichloroethene	7.123	95	123806	47.149	ug/L	93
35) Methylcyclohexane	7.379	83	186927	48.900	ug/L	98
37) 1,2-Dichloropropane	7.434	63	116933	48.508	ug/L	100
38) Bromodichloromethane	7.824	83	154676	48.482	ug/L	92
39) cis-1,3-Dichloropropene	8.366	75	180011	50.059	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	421525	100.413	ug/L	99
42) Toluene	8.720	91	466990	48.759	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	171555	48.742	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	107993	48.179	ug/L	99
46) Tetrachloroethene	9.275	164	78890	47.538	ug/L	97
48) 2-Hexanone	9.433	43	329789	101.111	ug/L	100
49) Dibromochloromethane	9.525	129	114277	47.921	ug/L	97
50) 1,2-Dibromoethane	9.610	107	116058	47.083	ug/L	97
51) Chlorobenzene	10.079	112	287689	48.214	ug/L	100
52) Ethylbenzene	10.195	91	515449	49.358	ug/L	98
53) m,p-Xylene	10.305	106	189145	48.593	ug/L	100
54) o-Xylene	10.646	106	188735	48.660	ug/L	96
55) Styrene	10.659	104	326136	49.938	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	169106	49.582	ug/L	99
59) Bromoform	10.799	173	74587	49.558	ug/L	100
60) Isopropylbenzene	10.963	105	497066	50.739	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	151478	51.035	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	439718	52.574	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	428011	50.673	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	207129	48.637	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	214308	49.503	ug/L	92
67) 1,2-Dichlorobenzene	12.335	146	214125	48.621	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	44819	45.777	ug/L	93
69) 1,3,5-Trichlorobenzene	13.115	180	139700	46.777	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	127298	48.534	ug/L	96
71) Naphthalene	13.774	128	512640	47.217	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	131849	47.589	ug/L	99

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

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