

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021422\
 Data File : VX027022.D
 Acq On : 14 Feb 2022 18:46
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050751

Quant Time: Feb 15 05:22:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML021422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 15 05:10:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	130284	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	124119	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	64338	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	47825	41.355	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.720%		
7) Chloroethane-d5	1.672	69	34957	47.110	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.220%		
11) 1,1-Dichloroethene-d2	2.312	63	96404	43.476	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.960%		
21) 2-Butanone-d5	4.458	46	79257	98.666	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.670%		
24) Chloroform-d	5.062	84	97743	45.007	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.020%		
26) 1,2-Dichloroethane-d4	5.958	65	62824	44.636	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.280%		
32) Benzene-d6	5.976	84	195614	43.749	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.500%		
36) 1,2-Dichloropropane-d6	7.312	67	59653	44.914	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.820%		
41) Toluene-d8	8.653	98	179130	43.787	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.580%		
43) trans-1,3-Dichloroprop...	8.951	79	26054	43.024	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.040%		
47) 2-Hexanone-d5	9.384	63	58290	101.515	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.510%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	75009	47.787	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.580%		
66) 1,2-Dichlorobenzene-d4	12.323	152	66313	45.375	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.740%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	68280	48.828	ug/L	99
3) Chloromethane	1.294	50	53123	48.272	ug/L	99
5) Vinyl chloride	1.380	62	52704	47.634	ug/L	97
6) Bromomethane	1.617	94	21953	46.643	ug/L	98
8) Chloroethane	1.691	64	30101	50.324	ug/L	96
9) Trichlorofluoromethane	1.892	101	72871	47.345	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	48518	48.895	ug/L	100
12) 1,1-Dichloroethene	2.325	96	44529	48.848	ug/L	88
13) Acetone	2.386	43	65799	97.330	ug/L	100
14) Carbon disulfide	2.520	76	125150	46.344	ug/L	100
15) Methyl Acetate	2.703	43	54204	51.903	ug/L	99
16) Methylene chloride	2.794	84	49140	49.214	ug/L	96
17) trans-1,2-Dichloroethene	3.099	96	46786	48.506	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	148291	50.098	ug/L	100
19) 1,1-Dichloroethane	3.617	63	84710	49.239	ug/L	100
20) cis-1,2-Dichloroethene	4.495	96	52957	50.034	ug/L	97
22) 2-Butanone	4.556	43	87531	101.087	ug/L	100
23) Bromochloromethane	4.910	128	26992	49.940	ug/L	97
25) Chloroform	5.099	83	90383	49.113	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	70007	49.182	ug/L	99
29) Cyclohexane	5.477	56	83097	48.832	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	77162	47.774	ug/L	100
31) Carbon tetrachloride	5.684	117	67557	47.151	ug/L	100
33) Benzene	6.043	78	197467	49.238	ug/L	100
34) Trichloroethene	7.129	95	55447	48.333	ug/L	98
35) Methylcyclohexane	7.385	83	83897	48.393	ug/L	99
37) 1,2-Dichloropropane	7.433	63	49101	48.680	ug/L	100
38) Bromodichloromethane	7.824	83	65309	48.237	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	73659	48.726	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	151092	105.381	ug/L	100
42) Toluene	8.720	91	210920	48.984	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	68884	48.485	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	48505	49.183	ug/L	99
46) Tetrachloroethene	9.275	164	41166	48.465	ug/L	99
48) 2-Hexanone	9.433	43	119975	103.357	ug/L	99
49) Dibromochloromethane	9.525	129	51861	47.950	ug/L	98
50) 1,2-Dibromoethane	9.610	107	50975	49.235	ug/L	98
51) Chlorobenzene	10.079	112	134682	48.846	ug/L	98
52) Ethylbenzene	10.195	91	230638	49.795	ug/L	100
53) m,p-Xylene	10.305	106	90766	49.707	ug/L	94
54) o-Xylene	10.640	106	88112	50.443	ug/L	99
55) Styrene	10.659	104	151157	51.097	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	66707	51.081	ug/L	98
59) Bromoform	10.799	173	34793	47.128	ug/L	100
60) Isopropylbenzene	10.963	105	232229	49.958	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	61146	50.106	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	162191	50.586	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	198278	50.920	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	103321	49.966	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	101252	48.659	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	99095	49.567	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	14567	49.157	ug/L	97
69) 1,3,5-Trichlorobenzene	13.115	180	69020	48.572	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	61949	49.380	ug/L	99
71) Naphthalene	13.774	128	219419	52.528	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	61616	49.121	ug/L	98

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

