

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121121\
 Data File : VX025731.D
 Acq On : 11 Dec 2021 10:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050728

Quant Time: Dec 12 06:33:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 11 00:48:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	103521	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	99630	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	51796	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	32328	45.759	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.520%		
7) Chloroethane-d5	1.666	69	27372	46.943	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.880%		
11) 1,1-Dichloroethene-d2	2.306	63	59718	53.014	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	106.020%		
21) 2-Butanone-d5	4.458	46	47100	89.560	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.560%		
24) Chloroform-d	5.062	84	63396	51.344	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.680%		
26) 1,2-Dichloroethane-d4	5.958	65	40726	52.917	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.840%		
32) Benzene-d6	5.976	84	123081	46.613	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.220%		
36) 1,2-Dichloropropane-d6	7.312	67	37495	45.864	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.720%		
41) Toluene-d8	8.653	98	117566	47.171	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.340%		
43) trans-1,3-Dichloroprop...	8.952	79	18780	45.691	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.380%		
47) 2-Hexanone-d5	9.384	63	34222	80.417	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	80.420%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	55404	47.952	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.900%		
66) 1,2-Dichlorobenzene-d4	12.323	152	46000	45.280	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.560%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	26375	43.417	ug/L	99
3) Chloromethane	1.294	50	27332	43.591	ug/L	100
5) Vinyl chloride	1.374	62	32054	43.790	ug/L	98
6) Bromomethane	1.605	94	19973	52.158	ug/L	99
8) Chloroethane	1.685	64	22235	45.598	ug/L	98
9) Trichlorofluoromethane	1.886	101	57502	50.340	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	32011	53.363	ug/L	94
12) 1,1-Dichloroethene	2.319	96	26991	48.554	ug/L	84
13) Acetone	2.380	43	57361	132.648	ug/L	99
14) Carbon disulfide	2.514	76	63097	46.162	ug/L	99
15) Methyl Acetate	2.703	43	34323	49.112	ug/L #	90
16) Methylene chloride	2.788	84	32339	50.298	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	28970	48.406	ug/L	94
18) Methyl tert-butyl Ether	3.117	73	102330	50.307	ug/L	98
19) 1,1-Dichloroethane	3.611	63	57080	53.257	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	35233	49.958	ug/L	95
22) 2-Butanone	4.556	43	65992	115.392	ug/L	98
23) Bromochloromethane	4.904	128	18495	49.639	ug/L	94
25) Chloroform	5.092	83	64326	55.150	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	48340	56.982	ug/L	99
29) Cyclohexane	5.477	56	46288	45.349	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	55712	50.655	ug/L	98
31) Carbon tetrachloride	5.678	117	50081	50.992	ug/L	100
33) Benzene	6.037	78	128195	48.165	ug/L	100
34) Trichloroethene	7.123	95	34763	49.657	ug/L	93
35) Methylcyclohexane	7.379	83	51019	46.304	ug/L	98
37) 1,2-Dichloropropane	7.434	63	33126	49.620	ug/L	99
38) Bromodichloromethane	7.824	83	49817	53.585	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	51536	47.396	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	103405	97.001	ug/L	97
42) Toluene	8.720	91	145269	49.490	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	51917	49.678	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	35790	50.518	ug/L	94
46) Tetrachloroethene	9.275	164	26737	45.035	ug/L	96
48) 2-Hexanone	9.433	43	91376	106.724	ug/L	98
49) Dibromochloromethane	9.525	129	42224	51.710	ug/L	94
50) 1,2-Dibromoethane	9.610	107	36955	48.942	ug/L	98
51) Chlorobenzene	10.079	112	95022	49.076	ug/L	98
52) Ethylbenzene	10.195	91	159673	50.615	ug/L	98
53) m,p-Xylene	10.305	106	63131	49.405	ug/L	100
54) o-Xylene	10.646	106	62238	48.657	ug/L	94
55) Styrene	10.659	104	107487	50.571	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	55245	50.500	ug/L	97
59) Bromoform	10.799	173	31060	48.600	ug/L	99
60) Isopropylbenzene	10.963	105	164260	49.345	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	44625	50.364	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	137440	49.365	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	140590	49.977	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	76290	49.911	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	75995	49.221	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	75378	48.770	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	12328	50.062	ug/L	86
69) 1,3,5-Trichlorobenzene	13.115	180	51271	46.109	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	42646	45.626	ug/L	97
71) Naphthalene	13.780	128	149684	47.247	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	43704	45.644	ug/L	98

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

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