

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
 Data File : VX024640.D
 Acq On : 07 Oct 2021 12:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050687

Quant Time: Oct 07 23:01:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML100721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 11:31:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	286619	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	273175	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	140855	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	76765	43.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.52%		
7) Chloroethane-d5	1.660	69	56942	48.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.48%		
11) 1,1-Dichloroethene-d2	2.306	63	158858	45.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.18%		
21) 2-Butanone-d5	4.459	46	167375	114.72	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	114.72%		
24) Chloroform-d	5.062	84	183451	51.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.08%		
26) 1,2-Dichloroethane-d4	5.958	65	127235	50.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.10%		
32) Benzene-d6	5.977	84	381366	49.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.12%		
36) 1,2-Dichloropropane-d6	7.312	67	117768	48.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.86%		
41) Toluene-d8	8.653	98	328292	43.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.58%		
43) trans-1,3-Dichloroprop...	8.952	79	58670	49.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.40%		
47) 2-Hexanone-d5	9.384	63	125203	110.81	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	110.81%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	175345	52.90	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.80%		
66) 1,2-Dichlorobenzene-d4	12.323	152	145094	52.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.30%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	117438	46.35	ug/L	100
3) Chloromethane	1.294	50	93104	45.01	ug/L	97
5) Vinyl chloride	1.374	62	91990	44.08	ug/L	100
6) Bromomethane	1.599	94	57676	50.08	ug/L	99
8) Chloroethane	1.685	64	50783	46.61	ug/L	98
9) Trichlorofluoromethane	1.886	101	141083	47.96	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	84270	46.03	ug/L	95
12) 1,1-Dichloroethene	2.319	96	75946	46.13	ug/L	92
13) Acetone	2.386	43	124692	86.46	ug/L	91
14) Carbon disulfide	2.514	76	214758	45.18	ug/L	99
15) Methyl Acetate	2.709	43	114811	49.97	ug/L	93
16) Methylene chloride	2.794	84	101317	51.15	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	95256	51.04	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	323262	52.66	ug/L	100
19) 1,1-Dichloroethane	3.611	63	175551	50.34	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	108653	51.58	ug/L	95
22) 2-Butanone	4.562	43	193364	101.29	ug/L	93
23) Bromochloromethane	4.904	128	57394	52.13	ug/L	94
25) Chloroform	5.099	83	195924	49.69	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	151404	49.49	ug/L	99
29) Cyclohexane	5.471	56	163002	48.07	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	167310	46.71	ug/L	98
31) Carbon tetrachloride	5.678	117	145235	46.21	ug/L	99
33) Benzene	6.044	78	406620	48.17	ug/L	100
34) Trichloroethene	7.129	95	100946	43.45	ug/L	96
35) Methylcyclohexane	7.385	83	177611	48.08	ug/L	97
37) 1,2-Dichloropropane	7.434	63	104168	46.86	ug/L	100
38) Bromodichloromethane	7.824	83	137370	48.37	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	147685	44.31	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	314489	92.97	ug/L	92
42) Toluene	8.720	91	401660	42.63	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	159785	49.08	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	104284	48.25	ug/L	99
46) Tetrachloroethene	9.275	164	88323	48.77	ug/L	96
48) 2-Hexanone	9.433	43	269305	97.59	ug/L	93
49) Dibromochloromethane	9.525	129	115037	51.18	ug/L	98
50) 1,2-Dibromoethane	9.610	107	117205	50.21	ug/L #	98
51) Chlorobenzene	10.079	112	291679	51.36	ug/L	96
52) Ethylbenzene	10.195	91	483797	49.87	ug/L	96
53) m,p-Xylene	10.305	106	192532	50.80	ug/L	100
54) o-Xylene	10.646	106	190678	50.37	ug/L	91
55) Styrene	10.659	104	325937	51.58	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	167491	49.03	ug/L	97
59) Bromoform	10.805	173	80796	50.70	ug/L	98
60) Isopropylbenzene	10.963	105	493167	50.84	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	140413	48.57	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	400824	47.05	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	419294	50.35	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	223087	49.32	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	224230	49.63	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	230356	51.58	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	39713	51.10	ug/L	93
69) 1,3,5-Trichlorobenzene	13.116	180	168933	51.99	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	147194	53.54	ug/L	97
71) Naphthalene	13.780	128	531037	57.87	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	152602	53.79	ug/L	98

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

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