

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031122\
 Data File : VW024974.D
 Acq On : 11 Mar 2022 19:19
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050288

Quant Time: Mar 11 23:12:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 11 23:08:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	280783	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	274173	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	139703	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	104544	36.617	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.240%
7) Chloroethane-d5	1.568	69	85044	37.967	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.940%
11) 1,1-Dichloroethene-d2	2.108	63	193265	40.331	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.660%
21) 2-Butanone-d5	3.892	46	148179	91.198	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.200%
24) Chloroform-d	4.349	84	212878	42.713	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.420%
26) 1,2-Dichloroethane-d4	5.031	65	122592	41.689	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.380%
32) Benzene-d6	5.050	84	421961	41.522	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.040%
36) 1,2-Dichloropropane-d6	6.069	67	131221	41.445	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.880%
41) Toluene-d8	7.313	98	381354	42.358	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.720%
43) trans-1,3-Dichloroprop...	7.619	79	58159	42.274	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.540%
47) 2-Hexanone-d5	8.088	63	106467	88.589	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.590%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	168737	44.932	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.860%
66) 1,2-Dichlorobenzene-d4	11.622	152	135310	42.047	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	134591	50.770	ug/L	99
3) Chloromethane	1.243	50	131202	47.838	ug/L	99
5) Vinyl chloride	1.310	62	139976	49.743	ug/L	99
6) Bromomethane	1.523	94	87553	52.084	ug/L	99
8) Chloroethane	1.587	64	85293	51.720	ug/L	99
9) Trichlorofluoromethane	1.754	101	188029	52.250	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	105489	49.430	ug/L	98
12) 1,1-Dichloroethene	2.118	96	104396	50.230	ug/L	90
13) Acetone	2.188	43	104888	84.539	ug/L	100
14) Carbon disulfide	2.294	76	321704	50.668	ug/L	99
15) Methyl Acetate	2.436	43	123603	57.993	ug/L	97
16) Methylene chloride	2.507	84	135397	55.626	ug/L	96
17) trans-1,2-Dichloroethene	2.761	96	122620	54.553	ug/L	96
18) Methyl tert-butyl Ether	2.770	73	383535	55.963	ug/L	99
19) 1,1-Dichloroethane	3.191	63	224273	55.338	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	136612	56.148	ug/L	95
22) 2-Butanone	3.976	43	168098	118.157	ug/L	98
23) Bromochloromethane	4.249	128	68647	56.415	ug/L	96
25) Chloroform	4.375	83	236792	56.246	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	163414	55.624	ug/L	97
29) Cyclohexane	4.677	56	187865	52.383	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	202782	56.168	ug/L	99
31) Carbon tetrachloride	4.828	117	171426	55.846	ug/L	100
33) Benzene	5.098	78	518096	55.992	ug/L	100
34) Trichloroethene	5.915	95	139952	55.174	ug/L	99
35) Methylcyclohexane	6.130	83	198832	51.665	ug/L	98
37) 1,2-Dichloropropane	6.172	63	132327	56.991	ug/L	99
38) Bromodichloromethane	6.510	83	169799	55.806	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	198780	56.882	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	322360	116.448	ug/L	97
42) Toluene	7.387	91	550511	57.016	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	182909	56.972	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	132304	58.645	ug/L	99
46) Tetrachloroethene	7.973	164	89293	54.507	ug/L	97
48) 2-Hexanone	8.137	43	249752	114.635	ug/L	97
49) Dibromochloromethane	8.243	129	132512	60.781	ug/L	100
50) 1,2-Dibromoethane	8.349	107	135869	58.398	ug/L	100
51) Chlorobenzene	8.879	112	341953	56.141	ug/L	99
52) Ethylbenzene	9.011	91	576605	56.621	ug/L	100
53) m,p-Xylene	9.137	106	221916	56.712	ug/L	99
54) o-Xylene	9.542	106	216739	57.323	ug/L	100
55) Styrene	9.558	104	380195	59.264	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	186739	59.178	ug/L	98
59) Bromoform	9.728	173	77357	60.785	ug/L	99
60) Isopropylbenzene	9.928	105	572121	56.390	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	157869	56.475	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	387133	56.554	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	477515	56.914	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	245293	55.096	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	245476	53.857	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	245160	54.716	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	37753	59.161	ug/L	91
69) 1,3,5-Trichlorobenzene	12.641	180	159084	52.935	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	139425	53.248	ug/L	99
71) Naphthalene	13.500	128	500476	58.993	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	144260	55.872	ug/L	99

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

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