

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032921\
 Data File : VW020808.D
 Acq On : 29 Mar 2021 16:49
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05096

Quant Time: Mar 30 04:45:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 30 04:39:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	685237	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	664844	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	395139	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	190377	39.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.26%
7) Chloroethane-d5	1.568	69	160535	43.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.30%
11) 1,1-Dichloroethene-d2	2.111	63	416592	45.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.78%
21) 2-Butanone-d5	3.879	46	288115	91.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.03%
24) Chloroform-d	4.349	84	473883	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.02%
26) 1,2-Dichloroethane-d4	5.034	65	311850	48.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.92%
32) Benzene-d6	5.053	84	859238	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.98%
36) 1,2-Dichloropropane-d6	6.072	67	255031	46.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.76%
41) Toluene-d8	7.316	98	838484	50.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.66%
43) trans-1,3-Dichloroprop...	7.622	79	145813	50.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.74%
47) 2-Hexanone-d5	8.088	63	224228	98.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.30%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	375203	47.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.68%
64) 1,2-Dichlorobenzene-d4	11.631	152	367088	47.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.74%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	297971	46.41	ug/L	100
3) Chloromethane	1.243	50	205518	40.10	ug/L	98
5) Vinyl chloride	1.310	62	226426	43.25	ug/L	100
6) Bromomethane	1.523	94	152334	46.15	ug/L	99
8) Chloroethane	1.584	64	132463	43.80	ug/L	100
9) Trichlorofluoromethane	1.754	101	434536	48.56	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	216886	50.42	ug/L	97
12) 1,1-Dichloroethene	2.117	96	192551	48.15	ug/L	93
13) Acetone	2.175	43	224590	99.51	ug/L	100
14) Carbon disulfide	2.294	76	594390	44.95	ug/L	100
15) Methyl Acetate	2.432	43	209749	44.52	ug/L	95
16) Methylene chloride	2.506	84	230435	47.25	ug/L	95
17) trans-1,2-Dichloroethene	2.760	96	221803	48.37	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	689268	48.48	ug/L	99
19) 1,1-Dichloroethane	3.191	63	405146	47.56	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	236572	48.22	ug/L	98
22) 2-Butanone	3.966	43	323585	97.95	ug/L	96
23) Bromochloromethane	4.249	128	135218	51.20	ug/L	90
25) Chloroform	4.378	83	450884	49.76	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	364392	50.34	ug/L	99
29) Cyclohexane	4.680	56	344894	45.86	ug/L	96
30) 1,1,1-Trichloroethane	4.609	97	425833	51.79	ug/L	99
31) Carbon tetrachloride	4.831	117	381519	51.95	ug/L	100
33) Benzene	5.101	78	902977	49.24	ug/L	100
34) Trichloroethene	5.915	95	253935	50.52	ug/L	98
35) Methylcyclohexane	6.133	83	374009	48.49	ug/L	98
37) 1,2-Dichloropropane	6.175	63	227271	47.26	ug/L	100
38) Bromodichloromethane	6.513	83	335263	49.64	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	381725	51.42	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	605359	93.87	ug/L	98
42) Toluene	7.390	91	1009320	50.64	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	385963	51.63	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	238438	50.40	ug/L	97
46) Tetrachloroethene	7.979	164	216088	51.50	ug/L	99
48) 2-Hexanone	8.140	43	487955	99.12	ug/L	99
49) Dibromochloromethane	8.249	129	287133	52.11	ug/L	99
50) 1,2-Dibromoethane	8.355	107	257256	50.78	ug/L	95
51) Chlorobenzene	8.886	112	677560	50.64	ug/L	98
52) Ethylbenzene	9.017	91	1158877	50.95	ug/L	100
53) m,p-Xylene	9.143	106	441809	52.22	ug/L	98
54) o-xylene	9.548	106	423256	51.91	ug/L	96
55) Styrene	9.564	104	761660	53.16	ug/L	99
56) Isopropylbenzene	9.937	105	1175520	52.35	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	365100	47.31	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	310766	49.49	ug/L	99
61) Bromoform	9.738	173	218644	48.74	ug/L	98
62) 1,3-Dichlorobenzene	11.188	146	588999	48.85	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	605735	48.30	ug/L	98
65) 1,2-Dichlorobenzene	11.648	146	582215	48.99	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.435	75	93072	46.32	ug/L	95
67) 1,3,5-Trichlorobenzene	12.651	180	461027	49.32	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	407749	51.45	ug/L	99
69) Naphthalene	13.509	128	1176726	51.87	ug/L	99
70) 1,2,3-Trichlorobenzene	13.750	180	408774	51.51	ug/L	99

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

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