

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082521\
 Data File : VW021953.D
 Acq On : 25 Aug 2021 16:47
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050316

Quant Time: Aug 26 05:20:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 26 05:17:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	453529	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	431707	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	234442	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	117763	33.215	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.420%
7) Chloroethane-d5	1.561	69	101008	37.752	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.500%
11) 1,1-Dichloroethene-d2	2.108	63	215413	38.169	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.340%
21) 2-Butanone-d5	3.876	46	210250	95.347	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.350%
24) Chloroform-d	4.352	84	265283	43.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.380%
26) 1,2-Dichloroethane-d4	5.034	65	159944	45.266	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.540%
32) Benzene-d6	5.050	84	544926	43.895	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.780%
36) 1,2-Dichloropropane-d6	6.072	67	167566	43.344	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.680%
41) Toluene-d8	7.317	98	519206	45.249	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.500%
43) trans-1,3-Dichloroprop...	7.625	79	84087	44.196	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.400%
47) 2-Hexanone-d5	8.088	63	142838	112.731	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.730%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	234492	48.947	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.900%
66) 1,2-Dichlorobenzene-d4	11.625	152	219226	45.184	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	154762	44.108	ug/L	99
3) Chloromethane	1.243	50	163340	44.826	ug/L	98
5) Vinyl chloride	1.310	62	161466	45.001	ug/L	98
6) Bromomethane	1.513	94	101192	46.921	ug/L	99
8) Chloroethane	1.581	64	99724	46.510	ug/L	100
9) Trichlorofluoromethane	1.751	101	221426	45.041	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	128661	45.711	ug/L	100
12) 1,1-Dichloroethene	2.118	96	125058	46.647	ug/L	87
13) Acetone	2.159	43	148318	81.745	ug/L #	100
14) Carbon disulfide	2.291	76	387685	42.978	ug/L	99
15) Methyl Acetate	2.426	43	173878	52.164	ug/L	98
16) Methylene chloride	2.507	84	171104	45.884	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	154340	49.061	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	494410	51.102	ug/L	99
19) 1,1-Dichloroethane	3.191	63	272773	48.710	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	171059	46.957	ug/L	99
22) 2-Butanone	3.960	43	239593	90.673	ug/L	99
23) Bromochloromethane	4.249	128	92478	47.848	ug/L	96
25) Chloroform	4.378	83	281382	46.698	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	197587	46.541	ug/L	99
29) Cyclohexane	4.677	56	241312	45.386	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	250728	46.414	ug/L	99
31) Carbon tetrachloride	4.828	117	212301	45.419	ug/L	99
33) Benzene	5.101	78	616134	46.378	ug/L	100
34) Trichloroethene	5.915	95	170965	44.783	ug/L	98
35) Methylcyclohexane	6.133	83	253081	45.439	ug/L	99
37) 1,2-Dichloropropane	6.175	63	159585	47.441	ug/L	100
38) Bromodichloromethane	6.513	83	201021	45.340	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	245807	46.147	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	442680	95.668	ug/L	98
42) Toluene	7.391	91	672143	47.372	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	232597	46.336	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	158767	47.115	ug/L	97
46) Tetrachloroethene	7.979	164	133257	46.968	ug/L	98
48) 2-Hexanone	8.140	43	341922	95.394	ug/L	98
49) Dibromochloromethane	8.249	129	170428	45.807	ug/L	99
50) 1,2-Dibromoethane	8.355	107	175639	47.895	ug/L	98
51) Chlorobenzene	8.883	112	444486	47.980	ug/L	99
52) Ethylbenzene	9.014	91	719755	47.548	ug/L	99
53) m,p-Xylene	9.140	106	281695	48.017	ug/L	99
54) o-Xylene	9.545	106	280129	48.172	ug/L	99
55) Styrene	9.561	104	480142	49.306	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	236136	50.336	ug/L	98
59) Bromoform	9.735	173	121810	43.707	ug/L	100
60) Isopropylbenzene	9.934	105	737323	46.910	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	200064	46.177	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	616607	46.748	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	634428	47.306	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	359825	47.273	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	361488	47.578	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	355232	46.263	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	49678	47.161	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	266433	48.289	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	236595	51.129	ug/L	99
71) Naphthalene	13.503	128	732681	54.509	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	237515	51.094	ug/L	99

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

