

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041621\
 Data File : VW021037.D
 Acq On : 16 Apr 2021 09:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050171

Quant Time: Apr 17 00:44:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 15 01:36:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	476047	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	460195	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	273990	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	117592	45.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.82%		
7) Chloroethane-d5	1.571	69	94685	46.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.02%		
11) 1,1-Dichloroethene-d2	2.111	63	269954	48.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.20%		
21) 2-Butanone-d5	3.902	46	169467	99.50	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.50%		
24) Chloroform-d	4.349	84	323483	50.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.64%		
26) 1,2-Dichloroethane-d4	5.034	65	210409	48.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.84%		
32) Benzene-d6	5.050	84	556576	48.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.98%		
36) 1,2-Dichloropropane-d6	6.072	67	158298	50.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.36%		
41) Toluene-d8	7.317	98	560234	49.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.52%		
43) trans-1,3-Dichloroprop...	7.622	79	97268	50.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.08%		
47) 2-Hexanone-d5	8.095	63	138519	102.24	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.24%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	253242	49.54	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.08%		
66) 1,2-Dichlorobenzene-d4	11.632	152	271358	48.51	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.02%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.134	85	202367	53.45	ug/L	97
3) Chloromethane	1.243	50	126553	49.63	ug/L	96
5) Vinyl chloride	1.314	62	150445	53.02	ug/L	98
6) Bromomethane	1.526	94	113659	54.17	ug/L	98
8) Chloroethane	1.590	64	91150	49.65	ug/L	97
9) Trichlorofluoromethane	1.754	101	358177	53.42	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	170270	53.66	ug/L	99
12) 1,1-Dichloroethene	2.117	96	152019	53.34	ug/L	92
13) Acetone	2.198	43	181028	126.89	ug/L	98
14) Carbon disulfide	2.294	76	416912	53.12	ug/L	99
15) Methyl Acetate	2.439	43	130698	54.42	ug/L	100
16) Methylene chloride	2.510	84	162770	50.76	ug/L	98
17) trans-1,2-Dichloroethene	2.760	96	160128	52.81	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	520761	54.68	ug/L	99
19) 1,1-Dichloroethane	3.191	63	278104	53.52	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	175344	54.27	ug/L	99
22) 2-Butanone	3.979	43	203192	116.64	ug/L	98
23) Bromochloromethane	4.249	128	106543	55.47	ug/L	98
25) Chloroform	4.378	83	344439	52.05	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	268154	53.03	ug/L	100
29) Cyclohexane	4.680	56	218691	54.54	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	342781	55.48	ug/L	98
31) Carbon tetrachloride	4.828	117	322762	56.24	ug/L	98
33) Benzene	5.098	78	623002	54.19	ug/L	100
34) Trichloroethene	5.915	95	182121	55.00	ug/L	98
35) Methylcyclohexane	6.133	83	269601	56.02	ug/L	100
37) 1,2-Dichloropropane	6.175	63	144481	53.01	ug/L	100
38) Bromodichloromethane	6.510	83	258932	55.63	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	265045	55.61	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	368341	110.00	ug/L	99
42) Toluene	7.391	91	733766	56.60	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	281514	57.17	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	174922	55.25	ug/L	99
46) Tetrachloroethene	7.979	164	180086	57.15	ug/L	94
48) 2-Hexanone	8.143	43	307496	118.44	ug/L	98
49) Dibromochloromethane	8.249	129	239533	56.81	ug/L	98
50) 1,2-Dibromoethane	8.355	107	190343	54.05	ug/L	94
51) Chlorobenzene	8.886	112	494520	54.14	ug/L	99
52) Ethylbenzene	9.014	91	831046	56.65	ug/L	100
53) m,p-Xylene	9.143	106	327971	56.84	ug/L	96
54) o-Xylene	9.548	106	318978	57.19	ug/L	99
55) Styrene	9.564	104	565541	59.14	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.246	83	272626	54.19	ug/L	98
59) Bromoform	9.734	173	192100	53.87	ug/L	99
60) Isopropylbenzene	9.937	105	893903	55.36	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	224578	52.17	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	779321	56.40	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	796643	56.81	ug/L	99
64) 1,3-Dichlorobenzene	11.188	146	452897	54.69	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	459703	52.88	ug/L	99
67) 1,2-Dichlorobenzene	11.651	146	458190	53.38	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.435	75	70044	54.64	ug/L	95
69) 1,3,5-Trichlorobenzene	12.651	180	369712	56.70	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	305313	56.63	ug/L	99
71) Naphthalene	13.509	128	829975	59.09	ug/L	99
72) 1,2,3-Trichlorobenzene	13.750	180	316256	58.33	ug/L	100

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

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