

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020821\
 Data File : VW02085.D
 Acq On : 08 Feb 2021 15:38
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05088

Quant Time: Feb 09 01:49:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 09 01:47:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	538159	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	508962	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	272657	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	168205	42.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.74%		
7) Chloroethane-d5	1.568	69	154773	48.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.16%		
11) 1,1-Dichloroethene-d2	2.111	63	321418	43.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.68%		
21) 2-Butanone-d5	3.883	46	241909	110.36	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	110.36%		
24) Chloroform-d	4.349	84	362398	51.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.80%		
26) 1,2-Dichloroethane-d4	5.031	65	237872	53.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.48%		
32) Benzene-d6	5.050	84	677982	51.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.82%		
36) 1,2-Dichloropropane-d6	6.069	67	214513	54.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	108.98%		
41) Toluene-d8	7.317	98	612368	49.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.84%		
43) trans-1,3-Dichloroprop...	7.622	79	106974	53.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	106.62%		
47) 2-Hexanone-d5	8.088	63	182764	111.59	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	111.59%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	312680	55.31	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	110.62%		
64) 1,2-Dichlorobenzene-d4	11.632	152	259992	50.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.78%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	177312	37.05	ug/L	100
3) Chloromethane	1.243	50	207172	48.70	ug/L	98
5) Vinyl chloride	1.314	62	204737	44.70	ug/L	99
6) Bromomethane	1.523	94	153557	53.64	ug/L	96
8) Chloroethane	1.587	64	144712	50.52	ug/L	100
9) Trichlorofluoromethane	1.754	101	260309	40.00	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	140597	40.59	ug/L	93
12) 1,1-Dichloroethene	2.121	96	150913	45.21	ug/L	77
13) Acetone	2.179	43	173358	112.03	ug/L	95
14) Carbon disulfide	2.294	76	437160	44.43	ug/L	100
15) Methyl Acetate	2.433	43	181253	55.05	ug/L	91
16) Methylene chloride	2.507	84	202536	55.39	ug/L	87
17) trans-1,2-Dichloroethene	2.761	96	168792	48.77	ug/L	93
18) Methyl tert-butyl Ether	2.767	73	594977	56.61	ug/L	96
19) 1,1-Dichloroethane	3.191	63	329965	52.48	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	199808	53.67	ug/L	88
22) 2-Butanone	3.970	43	254145	115.49	ug/L	93
23) Bromochloromethane	4.246	128	110520	54.90	ug/L #	83
25) Chloroform	4.375	83	352694	53.57	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	293569	56.32	ug/L	97
29) Cyclohexane	4.677	56	206576	40.03	ug/L	90
30) 1,1,1-Trichloroethane	4.609	97	271170	47.98	ug/L	98
31) Carbon tetrachloride	4.828	117	220796	44.92	ug/L	99
33) Benzene	5.098	78	725458	53.31	ug/L	100
34) Trichloroethene	5.915	95	182532	48.81	ug/L	93
35) Methylcyclohexane	6.133	83	228479	40.35	ug/L	92
37) 1,2-Dichloropropane	6.175	63	193755	56.21	ug/L	98
38) Bromodichloromethane	6.510	83	262968	55.50	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	294559	53.96	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	497499	114.46	ug/L #	93
42) Toluene	7.387	91	749935	50.10	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	296625	55.87	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	198482	55.95	ug/L	98
46) Tetrachloroethene	7.979	164	134425	43.99	ug/L	94
48) 2-Hexanone	8.140	43	386898	116.35	ug/L #	92
49) Dibromochloromethane	8.249	129	216641	55.34	ug/L	98
50) 1,2-Dibromoethane	8.355	107	213415	56.16	ug/L	98
51) Chlorobenzene	8.883	112	499286	49.72	ug/L	97
52) Ethylbenzene	9.014	91	787125	47.61	ug/L	98
53) m,p-Xylene	9.143	106	298868	47.47	ug/L	92
54) o-xylene	9.548	106	302165	49.30	ug/L	95
55) Styrene	9.564	104	544053	51.59	ug/L	96
56) Isopropylbenzene	9.934	105	747704	45.46	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.246	83	315559	56.46	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	260443	56.35	ug/L	100
61) Bromoform	9.735	173	155607	56.09	ug/L #	99
62) 1,3-Dichlorobenzene	11.188	146	398692	49.43	ug/L	97
63) 1,4-Dichlorobenzene	11.278	146	411273	49.73	ug/L	97
65) 1,2-Dichlorobenzene	11.651	146	417188	51.81	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.435	75	67896	54.96	ug/L #	81
67) 1,3,5-Trichlorobenzene	12.654	180	302443	48.02	ug/L	99
68) 1,2,4-trichlorobenzene	13.271	180	283065	50.65	ug/L	98
69) Naphthalene	13.509	128	925271	57.82	ug/L	100
70) 1,2,3-Trichlorobenzene	13.754	180	290337	52.18	ug/L	97

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

