

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020821\
 Data File : VW020278.D
 Acq On : 08 Feb 2021 09:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05087

Quant Time: Feb 09 01:41:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 05 11:56:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	609862	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	584847	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	328585	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	209078	47.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.04%		
7) Chloroethane-d5	1.568	69	175536	48.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.24%		
11) 1,1-Dichloroethene-d2	2.108	63	411010	48.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.80%		
21) 2-Butanone-d5	3.883	46	239108	96.26	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.26%		
24) Chloroform-d	4.346	84	387020	48.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.82%		
26) 1,2-Dichloroethane-d4	5.031	65	243734	48.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.18%		
32) Benzene-d6	5.050	84	744736	49.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.30%		
36) 1,2-Dichloropropane-d6	6.069	67	224880	49.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.42%		
41) Toluene-d8	7.317	98	706573	49.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.24%		
43) trans-1,3-Dichloroprop...	7.622	79	116690	50.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.20%		
47) 2-Hexanone-d5	8.088	63	180905	96.13	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.13%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	314935	48.48	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.96%		
64) 1,2-Dichlorobenzene-d4	11.632	152	299654	48.20	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.40%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	272425	50.24	ug/L	99
3) Chloromethane	1.243	50	231638	48.05	ug/L	98
5) Vinyl chloride	1.311	62	256696	49.46	ug/L	99
6) Bromomethane	1.523	94	164304	50.65	ug/L	96
8) Chloroethane	1.584	64	165340	50.93	ug/L	99
9) Trichlorofluoromethane	1.751	101	370411	50.22	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	205245	52.29	ug/L	93
12) 1,1-Dichloroethene	2.118	96	193550	51.16	ug/L	86
13) Acetone	2.179	43	185335	105.69	ug/L	94
14) Carbon disulfide	2.294	76	563981	50.58	ug/L	99
15) Methyl Acetate	2.433	43	178484	47.84	ug/L	91
16) Methylene chloride	2.507	84	206851	49.92	ug/L	90
17) trans-1,2-Dichloroethene	2.761	96	198181	50.53	ug/L	92
18) Methyl tert-butyl Ether	2.767	73	600291	50.40	ug/L	96
19) 1,1-Dichloroethane	3.188	63	358201	50.27	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	210759	49.96	ug/L	90
22) 2-Butanone	3.966	43	254093	101.89	ug/L	92
23) Bromochloromethane	4.246	128	114725	50.29	ug/L #	81
25) Chloroform	4.375	83	376674	50.49	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	295729	50.06	ug/L	99
29) Cyclohexane	4.677	56	304800	51.40	ug/L	90
30) 1,1,1-Trichloroethane	4.606	97	333393	51.34	ug/L	97
31) Carbon tetrachloride	4.828	117	292673	51.82	ug/L	99
33) Benzene	5.098	78	807784	51.66	ug/L	100
34) Trichloroethene	5.915	95	217319	50.57	ug/L	92
35) Methylcyclohexane	6.133	83	335373	51.55	ug/L	93
37) 1,2-Dichloropropane	6.175	63	200523	50.62	ug/L	98
38) Bromodichloromethane	6.510	83	277354	50.94	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	329964	52.61	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	486526	97.42	ug/L #	93
42) Toluene	7.387	91	877589	51.02	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	320952	52.61	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	201625	49.46	ug/L	98
46) Tetrachloroethene	7.976	164	178471	50.82	ug/L	95
48) 2-Hexanone	8.140	43	383649	100.41	ug/L #	92
49) Dibromochloromethane	8.249	129	228411	50.78	ug/L	99
50) 1,2-Dibromoethane	8.355	107	216700	49.62	ug/L #	99
51) Chlorobenzene	8.886	112	576103	49.92	ug/L	96
52) Ethylbenzene	9.014	91	984421	51.82	ug/L	97
53) m,p-Xylene	9.143	106	376100	51.99	ug/L	94
54) o-xylene	9.548	106	360700	51.22	ug/L	96
55) Styrene	9.564	104	641829	52.96	ug/L	94
56) Isopropylbenzene	9.937	105	985758	52.16	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.246	83	319691	49.77	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	261300	49.20	ug/L	100
61) Bromoform	9.735	173	162592	48.63	ug/L #	98
62) 1,3-Dichlorobenzene	11.188	146	487871	50.19	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	497391	49.91	ug/L	97
65) 1,2-Dichlorobenzene	11.651	146	482728	49.74	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.435	75	72484	48.69	ug/L #	81
67) 1,3,5-Trichlorobenzene	12.654	180	387962	51.11	ug/L	98
68) 1,2,4-trichlorobenzene	13.268	180	345575	51.31	ug/L	97
69) Naphthalene	13.509	128	1008258	52.28	ug/L	100
70) 1,2,3-Trichlorobenzene	13.754	180	345277	51.49	ug/L	97

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

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