

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011921\
 Data File : VW020052.D
 Acq On : 19 Jan 2021 14:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05072

Quant Time: Jan 20 00:50:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 19 02:46:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.618	114	395350	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	449654	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	267007	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	164006	49.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.36%
7) Chloroethane-d5	1.570	69	140160	52.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.30%
11) 1,1-Dichloroethene-d2	2.110	63	334650	50.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.90%
21) 2-Butanone-d5	3.894	46	226497	104.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.70%
24) Chloroform-d	4.351	84	288290	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.98%
26) 1,2-Dichloroethane-d4	5.032	65	204154	49.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.98%
32) Benzene-d6	5.052	84	522831	41.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.40%
36) 1,2-Dichloropropane-d6	6.071	67	163347	41.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.46%
41) Toluene-d8	7.318	98	593043	51.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.12%
43) trans-1,3-Dichloroprop...	7.624	79	92665	45.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.14%
47) 2-Hexanone-d5	8.090	63	167465	105.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.42%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	262787	49.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.12%
64) 1,2-Dichlorobenzene-d4	11.630	152	246146	47.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.46%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.129	85	171142	44.80	ug/L	100
3) Chloromethane	1.242	50	162631	44.42	ug/L	100
5) Vinyl chloride	1.312	62	187588	50.63	ug/L	99
6) Bromomethane	1.525	94	116837	50.56	ug/L	97
8) Chloroethane	1.586	64	118050	51.76	ug/L	99
9) Trichlorofluoromethane	1.753	101	274046	52.65	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	164974	57.06	ug/L	93
12) 1,1-Dichloroethene	2.119	96	148395	53.22	ug/L	83
13) Acetone	2.193	43	204416	106.95	ug/L	97
14) Carbon disulfide	2.293	76	360863	43.56	ug/L	99
15) Methyl Acetate	2.438	43	158820	48.96	ug/L	98
16) Methylene chloride	2.508	84	142036	47.94	ug/L	98
17) trans-1,2-Dichloroethene	2.759	96	132275	47.33	ug/L	99
18) Methyl tert-butyl Ether	2.769	73	457808	50.31	ug/L	98
19) 1,1-Dichloroethane	3.190	63	257957	48.27	ug/L	99
20) cis-1,2-Dichloroethene	3.910	96	145260	48.68	ug/L	100
22) 2-Butanone	3.978	43	239934	104.18	ug/L	96
23) Bromochloromethane	4.248	128	74985	48.08	ug/L	93
25) Chloroform	4.376	83	275427	49.03	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.132	62	240600	51.26	ug/L	100
29) Cyclohexane	4.679	56	219282	41.24	ug/L	96
30) 1,1,1-Trichloroethane	4.611	97	246422	41.66	ug/L	99
31) Carbon tetrachloride	4.830	117	208377	41.32	ug/L	99
33) Benzene	5.100	78	552963	42.36	ug/L	100
34) Trichloroethene	5.917	95	153966	41.16	ug/L	98
35) Methylcyclohexane	6.135	83	226874	42.44	ug/L	97
37) 1,2-Dichloropropane	6.174	63	147617	43.60	ug/L	99
38) Bromodichloromethane	6.511	83	205358	41.99	ug/L	99
39) cis-1,3-Dichloropropene	7.029	75	243583	45.94	ug/L	98
40) 4-Methyl-2-pentanone	7.228	43	497542	95.63	ug/L	99
42) Toluene	7.389	91	721391	51.90	ug/L	98
44) trans-1,3-Dichloropropene	7.653	75	251967	46.85	ug/L	99
45) 1,1,2-Trichloroethane	7.839	97	163360	49.09	ug/L	98
46) Tetrachloroethene	7.978	164	138537	51.59	ug/L	96
48) 2-Hexanone	8.142	43	365477	89.31	ug/L #	95
49) Dibromochloromethane	8.248	129	179025	48.71	ug/L	99
50) 1,2-Dibromoethane	8.354	107	176378	49.40	ug/L #	99
51) Chlorobenzene	8.884	112	452172	49.11	ug/L	96
52) Ethylbenzene	9.016	91	767477	48.62	ug/L	98
53) m,p-Xylene	9.142	106	290811	50.44	ug/L	98
54) o-xylene	9.547	106	288683	50.86	ug/L	96
55) Styrene	9.563	104	506192	51.58	ug/L	96
56) Isopropylbenzene	9.936	105	776971	50.60	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.248	83	257196	49.36	ug/L	100
59) 1,2,3-Trichloropropane	10.280	75	213926	46.46	ug/L	99
61) Bromoform	9.736	173	128384	47.22	ug/L	98
62) 1,3-Dichlorobenzene	11.186	146	386713	48.27	ug/L	98
63) 1,4-Dichlorobenzene	11.280	146	395077	48.05	ug/L	98
65) 1,2-Dichlorobenzene	11.649	146	390810	48.42	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.434	75	60711	43.24	ug/L #	82
67) 1,3,5-Trichlorobenzene	12.653	180	311532	51.77	ug/L	98
68) 1,2,4-trichlorobenzene	13.270	180	285094	53.59	ug/L	98
69) Naphthalene	13.511	128	811780	52.75	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	281244	54.46	ug/L	99

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

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