

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012521\
 Data File : VW020156.D
 Acq On : 25 Jan 2021 12:45
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05062

Quant Time: Jan 25 15:28:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 23 00:14:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.617	114	418241	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	423204	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	245314	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	146228	47.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.28%
7) Chloroethane-d5	1.566	69	134791	51.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.82%
11) 1,1-Dichloroethene-d2	2.110	63	310496	50.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.22%
21) 2-Butanone-d5	3.881	46	194486	91.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.42%
24) Chloroform-d	4.347	84	281694	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.96%
26) 1,2-Dichloroethane-d4	5.032	65	192712	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.70%
32) Benzene-d6	5.051	84	513219	44.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.08%
36) 1,2-Dichloropropane-d6	6.071	67	186434	50.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.34%
41) Toluene-d8	7.318	98	484887	44.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.44%
43) trans-1,3-Dichloroprop...	7.624	79	82931	46.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.12%
47) 2-Hexanone-d5	8.090	63	127653	83.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.46%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	218103	43.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	11.630	152	211352	45.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.70%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.129	85	164665	46.86	ug/L	99
3) Chloromethane	1.241	50	162967	46.46	ug/L	99
5) Vinyl chloride	1.312	62	170987	47.19	ug/L	100
6) Bromomethane	1.524	94	109292	47.83	ug/L	98
8) Chloroethane	1.585	64	116768	50.27	ug/L	99
9) Trichlorofluoromethane	1.753	101	264704	51.27	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	156660	52.97	ug/L	95
12) 1,1-Dichloroethene	2.116	96	140283	49.37	ug/L	93
13) Acetone	2.177	43	182630	99.79	ug/L	99
14) Carbon disulfide	2.293	76	361990	43.73	ug/L	100
15) Methyl Acetate	2.431	43	149311	44.35	ug/L	100
16) Methylene chloride	2.508	84	142083	46.05	ug/L	98
17) trans-1,2-Dichloroethene	2.759	96	133061	47.14	ug/L	98
18) Methyl tert-butyl Ether	2.769	73	427559	46.78	ug/L	98
19) 1,1-Dichloroethane	3.190	63	251653	46.70	ug/L	99
20) cis-1,2-Dichloroethene	3.910	96	141986	46.92	ug/L	94
22) 2-Butanone	3.965	43	220888	96.04	ug/L	99
23) Bromochloromethane	4.248	128	73540	46.38	ug/L	93
25) Chloroform	4.376	83	272113	48.14	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.129	62	229533	47.58	ug/L	99
29) Cyclohexane	4.679	56	215389	43.75	ug/L	96
30) 1,1,1-Trichloroethane	4.608	97	240659	45.71	ug/L	100
31) Carbon tetrachloride	4.830	117	204823	45.24	ug/L	100
33) Benzene	5.100	78	554871	43.63	ug/L	100
34) Trichloroethene	5.913	95	173157	48.16	ug/L	98
35) Methylcyclohexane	6.132	83	267579	52.10	ug/L	97
37) 1,2-Dichloropropane	6.174	63	172094	51.77	ug/L	98
38) Bromodichloromethane	6.511	83	227982	50.08	ug/L	100
39) cis-1,3-Dichloropropene	7.029	75	230141	44.79	ug/L	98
40) 4-Methyl-2-pentanone	7.228	43	377425	75.77	ug/L #	96
42) Toluene	7.389	91	593079	43.96	ug/L	99
44) trans-1,3-Dichloropropene	7.653	75	219974	45.12	ug/L	100
45) 1,1,2-Trichloroethane	7.839	97	141826	43.33	ug/L	98
46) Tetrachloroethene	7.977	164	126564	47.15	ug/L	96
48) 2-Hexanone	8.141	43	294887	76.47	ug/L #	94
49) Dibromochloromethane	8.248	129	160587	45.40	ug/L	98
50) 1,2-Dibromoethane	8.354	107	150345	42.03	ug/L #	99
51) Chlorobenzene	8.884	112	397044	44.77	ug/L	98
52) Ethylbenzene	9.016	91	683551	46.01	ug/L	100
53) m,p-Xylene	9.141	106	261423	48.33	ug/L	97
54) o-xylene	9.547	106	249886	45.93	ug/L	97
55) Styrene	9.563	104	441661	46.40	ug/L	98
56) Isopropylbenzene	9.936	105	687928	47.36	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.247	83	212241	43.03	ug/L	99
59) 1,2,3-Trichloropropane	10.280	75	182135	41.49	ug/L	99
61) Bromoform	9.736	173	112368	45.06	ug/L	98
62) 1,3-Dichlorobenzene	11.186	146	337871	45.27	ug/L	98
63) 1,4-Dichlorobenzene	11.280	146	345525	44.43	ug/L	98
65) 1,2-Dichlorobenzene	11.649	146	338282	44.74	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.437	75	48740	38.88	ug/L #	80
67) 1,3,5-Trichlorobenzene	12.652	180	265422	45.90	ug/L	98
68) 1,2,4-trichlorobenzene	13.270	180	237874	46.58	ug/L	98
69) Naphthalene	13.511	128	640420	43.23	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	234565	46.72	ug/L	99

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

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