

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052720\
 Data File : VW015510.D
 Acq On : 27 May 2020 17:32
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.0mL/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02516

Quant Time: May 28 01:53:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 28 01:49:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	338601	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	312098	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	154661	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	66654	21.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.92%
7) Chloroethane-d5	2.89	69	71523	23.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.72%
10) 1,1-Dichloroethene-d2	4.02	63	165159	21.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.36%
20) 2-Butanone-d5	7.08	46	60924	60.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.28%
24) Chloroform-d	7.65	84	193466	24.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.84%
26) 1,2-Dichloroethane-d4	8.30	65	111075	25.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.00%
29) Benzene-d6	8.27	84	353807	23.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.48%
33) 1,2-Dichloropropane-d6	9.27	67	111006	23.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.44%
37) Toluene-d8	10.32	98	335691	22.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.24%
38) trans-1,3-Dichloropropene-	10.58	79	51616	23.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.96%
39) 2-Hexanone-d5	10.93	63	50076	62.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103662	29.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	130240	25.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.52%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	83849	28.031	ug/L 99
3) Chloromethane	2.21	50	80447	24.430	ug/L 99
5) Vinyl chloride	2.37	62	127431	25.733	ug/L 100
6) Bromomethane	2.78	94	83595	25.972	ug/L 99
8) Chloroethane	2.93	64	79641	26.420	ug/L 98
9) Trichlorofluoromethane	3.26	101	84421	23.955	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	105982	25.356	ug/L 99
12) 1,1-Dichloroethene	4.03	96	100529	24.899	ug/L 98
13) Acetone	4.12	43	46197	58.987	ug/L 100
14) Carbon disulfide	4.38	76	319594	23.728	ug/L 100
15) Methyl Acetate	4.67	43	50735	29.943	ug/L 100
16) Methylene chloride	4.92	84	108950	26.217	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	176069	27.480	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	113750	26.289	ug/L 99
19) 1,1-Dichloroethane	6.21	63	204718	26.305	ug/L 100
21) 2-Butanone	7.17	43	70939	58.964	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	120173	26.624	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	53593	27.534	ug/L	99
25) Chloroform	7.68	83	210978	26.923	ug/L	100
27) 1,2-Dichloroethane	8.40	62	149088	28.122	ug/L	99
30) Cyclohexane	7.96	56	193599	25.095	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	181412	25.982	ug/L	99
32) Carbon tetrachloride	8.07	117	161368	25.198	ug/L	98
34) Benzene	8.32	78	460944	26.410	ug/L	100
35) Trichloroethene	9.09	95	122388	26.105	ug/L	99
36) Methylcyclohexane	9.34	83	215658	25.792	ug/L	99
40) 1,2-Dichloropropane	9.37	63	114645	26.674	ug/L	99
41) Bromodichloromethane	9.65	83	150867	26.274	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	183069	26.617	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	153620	60.973	ug/L	100
44) Toluene	10.39	91	508104	26.721	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	162668	27.177	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	87196	28.998	ug/L	99
47) Tetrachloroethene	10.86	164	96332	25.921	ug/L	97
49) 2-Hexanone	10.97	43	108515	63.809	ug/L	99
50) Dibromochloromethane	11.13	129	102027	27.927	ug/L	99
51) 1,2-Dibromoethane	11.24	107	84630	29.316	ug/L	99
52) Chlorobenzene	11.66	112	322322	27.024	ug/L	98
53) Ethylbenzene	11.73	91	585374	26.810	ug/L	99
54) m,p-Xylene	11.84	106	219506	26.791	ug/L	96
55) o-xylene	12.16	106	209821	26.979	ug/L	90
56) Styrene	12.18	104	369529	27.808	ug/L	96
57) Isopropylbenzene	12.46	105	583800	26.948	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	107247	30.807	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	80018	30.314	ug/L	99
62) Bromoform	12.35	173	56485	26.212	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	249595	26.373	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	254975	27.496	ug/L	94
65) 1,2-Dichlorobenzene	13.87	146	230946	28.081	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	18591	29.799	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	178432	27.232	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	154930	29.358	ug/L	99
69) Naphthalene	15.36	128	308471	32.192	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	135502	30.182	ug/L	99

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

