

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
 Data File : VW010226.D
 Acq On : 30 Apr 2019 21:02
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02529

Quant Time: May 01 06:47:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 01 03:52:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	592522	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	576903	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	276282	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	152269	22.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.60%
7) Chloroethane-d5	2.89	69	127571	23.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.60%
10) 1,1-Dichloroethene-d2	4.02	63	318090	21.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.12%
20) 2-Butanone-d5	7.07	46	136188	54.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.86%
24) Chloroform-d	7.64	84	370448	24.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.52%
26) 1,2-Dichloroethane-d4	8.30	65	217531	24.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.64%
29) Benzene-d6	8.27	84	687851	22.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.56%
33) 1,2-Dichloropropane-d6	9.27	67	218641	22.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.12%
37) Toluene-d8	10.32	98	620510	21.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.88%
38) trans-1,3-Dichloropropene-	10.58	79	103234	23.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.36%
39) 2-Hexanone-d5	10.92	63	117012	57.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	244739	29.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	242708	23.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	194498	23.367	ug/L	85
3) Chloromethane	2.21	50	200321	28.596	ug/L	98
5) Vinyl chloride	2.37	62	239390	27.853	ug/L	96
6) Bromomethane	2.78	94	128431	26.164	ug/L	100
8) Chloroethane	2.93	64	131107	25.585	ug/L	96
9) Trichlorofluoromethane	3.25	101	107737	23.047	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	170027	23.792	ug/L	99
12) 1,1-Dichloroethene	4.04	96	179602	24.966	ug/L	92
13) Acetone	4.12	43	87414	44.616	ug/L	70
14) Carbon disulfide	4.38	76	485967	23.445	ug/L	99
15) Methyl Acetate	4.67	43	109886	25.832	ug/L	99
16) Methylene chloride	4.91	84	194984	19.776	ug/L	96
17) Methyl tert-butyl Ether	5.43	73	263308	28.156	ug/L #	91
18) trans-1,2-Dichloroethene	5.41	96	190095	25.012	ug/L	98
19) 1,1-Dichloroethane	6.21	63	365212	25.885	ug/L	98
21) 2-Butanone	7.17	43	154056	56.069	ug/L	97
22) cis-1,2-Dichloroethene	7.16	96	220139	26.784	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	101863	26.957	ug/L	93
25) Chloroform	7.67	83	380709	26.335	ug/L	100
27) 1,2-Dichloroethane	8.40	62	278848	27.255	ug/L	98
30) Cyclohexane	7.95	56	309959	23.728	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	287972	23.891	ug/L	99
32) Carbon tetrachloride	8.06	117	288784	24.138	ug/L	100
34) Benzene	8.32	78	800252	24.720	ug/L	100
35) Trichloroethene	9.09	95	213297	24.710	ug/L	99
36) Methylcyclohexane	9.33	83	326183	22.707	ug/L	99
40) 1,2-Dichloropropane	9.37	63	210731	25.085	ug/L	99
41) Bromodichloromethane	9.64	83	283912	25.706	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	338088	25.871	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	333704	56.362	ug/L	100
44) Toluene	10.39	91	881622	25.445	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	299546	26.348	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	164657	26.224	ug/L	99
47) Tetrachloroethene	10.86	164	171160	23.895	ug/L	95
49) 2-Hexanone	10.97	43	237141	56.027	ug/L	98
50) Dibromochloromethane	11.13	129	202889	26.022	ug/L	94
51) 1,2-Dibromoethane	11.24	107	159749	25.989	ug/L	95
52) Chlorobenzene	11.66	112	628272	27.681	ug/L	98
53) Ethylbenzene	11.73	91	1215512	30.986	ug/L	99
54) m,p-Xylene	11.84	106	444890	30.135	ug/L	99
55) o-xylene	12.16	106	435493	31.205	ug/L	97
56) Styrene	12.18	104	767613	31.761	ug/L	99
57) Isopropylbenzene	12.46	105	1135775	29.907	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	231579	29.616	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	189775	32.556	ug/L	98
62) Bromoform	12.35	173	135485	30.518	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	429425	25.736	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	448778	25.582	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	416821	26.521	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	40714	31.199	ug/L	86
67) 1,3,5-Trichlorobenzene	14.63	180	307098	23.920	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	260424	25.050	ug/L	100
69) Naphthalene	15.37	128	612669	28.779	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	248114	25.254	ug/L	99

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

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