

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072219\
 Data File : VW011432.D
 Acq On : 22 Jul 2019 20:51
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02516

Quant Time: Jul 23 04:59:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 23 04:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	389551	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	356172	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	176214	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	126359	24.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.20%
7) Chloroethane-d5	2.89	69	96485	25.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.88%
10) 1,1-Dichloroethene-d2	4.03	63	295500	25.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.32%
20) 2-Butanone-d5	7.07	46	120175	54.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.52%
24) Chloroform-d	7.65	84	272430	27.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.24%
26) 1,2-Dichloroethane-d4	8.31	65	165715	27.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.76%
29) Benzene-d6	8.27	84	551864	25.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.64%
33) 1,2-Dichloropropane-d6	9.27	67	183343	26.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.24%
37) Toluene-d8	10.32	98	493052	25.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.32%
38) trans-1,3-Dichloropropene-	10.58	79	80511	27.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.00%
39) 2-Hexanone-d5	10.93	63	84226	56.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	152002	27.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	172905	26.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.52%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	132539	27.891	ug/L 99
3) Chloromethane	2.21	50	137897	23.917	ug/L 99
5) Vinyl chloride	2.36	62	167462	24.662	ug/L 99
6) Bromomethane	2.78	94	81668	24.912	ug/L 99
8) Chloroethane	2.92	64	90307	24.975	ug/L 97
9) Trichlorofluoromethane	3.26	101	66467	20.581	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	133678	25.791	ug/L 98
12) 1,1-Dichloroethene	4.04	96	131521	25.419	ug/L # 85
13) Acetone	4.12	43	107538	45.900	ug/L 98
14) Carbon disulfide	4.39	76	427027	25.454	ug/L 99
15) Methyl Acetate	4.67	43	97711	27.161	ug/L 99
16) Methylene chloride	4.92	84	148802	26.241	ug/L 99
17) Methyl tert-butyl Ether	5.42	73	222203	27.163	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	135306	25.358	ug/L 99
19) 1,1-Dichloroethane	6.21	63	276476	26.087	ug/L 99
21) 2-Butanone	7.17	43	149622	49.693	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	147258	26.053	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	62612	26.504	ug/L	97
25) Chloroform	7.67	83	256334	26.255	ug/L	100
27) 1,2-Dichloroethane	8.40	62	192317	27.027	ug/L	99
30) Cyclohexane	7.95	56	278409	23.997	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	192510	24.281	ug/L	99
32) Carbon tetrachloride	8.07	117	179981	24.428	ug/L	99
34) Benzene	8.32	78	584077	25.262	ug/L	100
35) Trichloroethene	9.09	95	143529	24.425	ug/L	99
36) Methylcyclohexane	9.34	83	259925	24.325	ug/L	100
40) 1,2-Dichloropropane	9.37	63	158771	25.560	ug/L	100
41) Bromodichloromethane	9.64	83	188023	25.889	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	242113	25.944	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	277539	52.191	ug/L	100
44) Toluene	10.39	91	597943	25.214	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	198497	25.881	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	107902	25.951	ug/L	98
47) Tetrachloroethene	10.86	164	107295	23.799	ug/L	99
49) 2-Hexanone	10.97	43	211131	52.598	ug/L	99
50) Dibromochloromethane	11.13	129	122439	26.602	ug/L	100
51) 1,2-Dibromoethane	11.23	107	105026	26.118	ug/L	98
52) Chlorobenzene	11.66	112	366423	25.621	ug/L	99
53) Ethylbenzene	11.73	91	670557	25.124	ug/L	100
54) m,p-Xylene	11.84	106	247260	25.296	ug/L	99
55) o-xylene	12.16	106	235834	25.598	ug/L	99
56) Styrene	12.18	104	411958	26.581	ug/L	100
57) Isopropylbenzene	12.46	105	632193	25.193	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	142588	26.399	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	108116	26.199	ug/L	99
62) Bromoform	12.35	173	70454	25.261	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	278411	24.951	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	281364	24.825	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	261429	25.462	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	24613	25.150	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	209772	24.643	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	182196	25.826	ug/L	100
69) Naphthalene	15.37	128	389428	27.118	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	167143	26.152	ug/L	99

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

