

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071619\
 Data File : VW011275.D
 Acq On : 16 Jul 2019 09:32
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02508

Quant Time: Jul 17 07:16:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 16 05:02:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	386451	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	348120	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	169593	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	124718	21.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.52%
7) Chloroethane-d5	2.88	69	93623	22.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.44%
10) 1,1-Dichloroethene-d2	4.02	63	277082	22.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.68%
20) 2-Butanone-d5	7.07	46	107566	46.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.56%
24) Chloroform-d	7.64	84	245878	23.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.84%
26) 1,2-Dichloroethane-d4	8.30	65	150269	23.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.16%
29) Benzene-d6	8.27	84	493260	23.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.00%
33) 1,2-Dichloropropane-d6	9.27	67	164669	23.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.32%
37) Toluene-d8	10.32	98	434490	22.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.92%
38) trans-1,3-Dichloropropene-	10.57	79	68651	23.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.48%
39) 2-Hexanone-d5	10.92	63	72817	45.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	133870	23.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	149541	22.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.88%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	115331	24.265	ug/L 96
3) Chloromethane	2.21	50	110011	21.319	ug/L 99
5) Vinyl chloride	2.36	62	151042	22.426	ug/L 99
6) Bromomethane	2.78	94	71300	22.628	ug/L 100
8) Chloroethane	2.92	64	80608	23.679	ug/L 99
9) Trichlorofluoromethane	3.25	101	62222	26.983	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	124196	24.171	ug/L 99
12) 1,1-Dichloroethene	4.04	96	118739	23.381	ug/L 83
13) Acetone	4.12	43	100344	44.196	ug/L 98
14) Carbon disulfide	4.38	76	325987	22.439	ug/L 100
15) Methyl Acetate	4.66	43	85585	23.166	ug/L 99
16) Methylene chloride	4.91	84	128294	22.591	ug/L 95
17) Methyl tert-butyl Ether	5.42	73	194857	24.741	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	118397	23.071	ug/L 99
19) 1,1-Dichloroethane	6.21	63	253660	24.348	ug/L 99
21) 2-Butanone	7.17	43	131653	44.918	ug/L 98
22) cis-1,2-Dichloroethene	7.16	96	133477	24.028	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	56316	24.161	ug/L	98
25) Chloroform	7.67	83	234839	23.797	ug/L	100
27) 1,2-Dichloroethane	8.40	62	176291	23.370	ug/L	99
30) Cyclohexane	7.95	56	244274	23.079	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	178754	24.740	ug/L	99
32) Carbon tetrachloride	8.06	117	168531	24.872	ug/L	98
34) Benzene	8.32	78	524784	24.120	ug/L	100
35) Trichloroethene	9.09	95	131023	23.864	ug/L	98
36) Methylcyclohexane	9.33	83	230411	23.320	ug/L	99
40) 1,2-Dichloropropane	9.37	63	144002	24.154	ug/L	99
41) Bromodichloromethane	9.64	83	171708	24.981	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	216150	24.572	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	247833	44.843	ug/L	100
44) Toluene	10.38	91	542443	24.087	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	179127	24.610	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	97503	23.617	ug/L	98
47) Tetrachloroethene	10.86	164	98024	23.623	ug/L	97
49) 2-Hexanone	10.96	43	187382	46.580	ug/L	97
50) Dibromochloromethane	11.13	129	108921	24.775	ug/L	97
51) 1,2-Dibromoethane	11.23	107	93656	23.493	ug/L	100
52) Chlorobenzene	11.66	112	327220	23.784	ug/L	98
53) Ethylbenzene	11.73	91	610540	23.902	ug/L	98
54) m,p-Xylene	11.83	106	222514	23.993	ug/L	96
55) o-xylene	12.16	106	213361	24.184	ug/L	100
56) Styrene	12.18	104	374477	24.743	ug/L	97
57) Isopropylbenzene	12.46	105	585234	24.301	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	128953	23.478	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	97381	23.088	ug/L	99
62) Bromoform	12.35	173	62111	24.574	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	252562	24.206	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	257609	24.118	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	235759	24.274	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	21450	22.495	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	196475	24.853	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	164811	24.885	ug/L	99
69) Naphthalene	15.37	128	338156	24.380	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	149776	24.717	ug/L	100

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

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