

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041319\
 Data File : VW009967.D
 Acq On : 13 Apr 2019 10:42
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02501

Quant Time: Apr 13 21:27:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 23:54:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	584498	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	539075	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	274767	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	165385	21.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.48%
7) Chloroethane-d5	2.89	69	144102	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.24%
10) 1,1-Dichloroethene-d2	4.01	63	425365	25.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.44%
20) 2-Butanone-d5	7.07	46	109038	43.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.82%
24) Chloroform-d	7.64	84	410939	25.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.08%
26) 1,2-Dichloroethane-d4	8.30	65	230225	23.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.04%
29) Benzene-d6	8.27	84	770320	27.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.88%
33) 1,2-Dichloropropane-d6	9.27	67	229916	26.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.20%
37) Toluene-d8	10.32	98	694009	26.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.08%
38) trans-1,3-Dichloropropene-	10.57	79	101747	24.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.64%
39) 2-Hexanone-d5	10.93	63	82684	50.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	189723	23.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	237665	24.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	191172	24.829	ug/L	98
3) Chloromethane	2.21	50	170067	21.373	ug/L	99
5) Vinyl chloride	2.37	62	219014	21.459	ug/L	96
6) Bromomethane	2.78	94	129458	18.331	ug/L	99
8) Chloroethane	2.92	64	135392	20.211	ug/L	96
9) Trichlorofluoromethane	3.25	101	126287	20.170	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	209263	25.695	ug/L	99
12) 1,1-Dichloroethene	4.03	96	203299	26.187	ug/L	92
13) Acetone	4.12	43	108831	40.901	ug/L	95
14) Carbon disulfide	4.37	76	559776	23.198	ug/L	100
15) Methyl Acetate	4.66	43	106777	22.009	ug/L	98
16) Methylene chloride	4.91	84	211577	20.525	ug/L	99
17) Methyl tert-butyl Ether	5.42	73	273545	25.578	ug/L	99
18) trans-1,2-Dichloroethene	5.41	96	211044	26.139	ug/L	99
19) 1,1-Dichloroethane	6.21	63	428519	27.657	ug/L	97
21) 2-Butanone	7.17	43	145991	43.141	ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	231802	26.844	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	100052	25.255	ug/L	93
25) Chloroform	7.67	83	435086	26.808	ug/L	99
27) 1,2-Dichloroethane	8.40	62	306484	24.968	ug/L	96
30) Cyclohexane	7.95	56	369734	29.059	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	343134	28.059	ug/L	99
32) Carbon tetrachloride	8.06	117	338621	27.619	ug/L	98
34) Benzene	8.32	78	910483	28.072	ug/L	100
35) Trichloroethene	9.09	95	235711	27.770	ug/L	99
36) Methylcyclohexane	9.34	83	401351	28.761	ug/L	99
40) 1,2-Dichloropropane	9.37	63	235764	28.397	ug/L	99
41) Bromodichloromethane	9.64	83	310713	27.122	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	356987	27.754	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	313009	48.535	ug/L	99
44) Toluene	10.38	91	971251	28.268	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	302060	27.239	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	162630	26.097	ug/L	93
47) Tetrachloroethene	10.86	164	181661	27.174	ug/L	96
49) 2-Hexanone	10.97	43	227847	47.448	ug/L	99
50) Dibromochloromethane	11.13	129	199116	26.007	ug/L	98
51) 1,2-Dibromoethane	11.23	107	154315	24.706	ug/L	95
52) Chlorobenzene	11.66	112	600369	27.146	ug/L	99
53) Ethylbenzene	11.73	91	1117665	28.557	ug/L	100
54) m,p-Xylene	11.84	106	414801	28.654	ug/L	99
55) o-xylene	12.16	106	390807	28.346	ug/L	100
56) Styrene	12.18	104	683786	28.584	ug/L	98
57) Isopropylbenzene	12.46	105	1114425	29.520	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	206623	24.657	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	151559	24.296	ug/L	99
62) Bromoform	12.35	173	113358	23.464	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	458185	26.957	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	477664	26.354	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	432987	26.627	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	34701	21.923	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	349032	27.676	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	274279	27.081	ug/L	99
69) Naphthalene	15.37	128	514669	25.283	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	254183	26.828	ug/L	99

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

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