

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042419\
 Data File : VW010123.D
 Acq On : 24 Apr 2019 23:54
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02520

Quant Time: Apr 25 01:34:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 12:33:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	794170	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	745387	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	354634	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	191906	25.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.12%
7) Chloroethane-d5	2.89	69	166928	26.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.44%
10) 1,1-Dichloroethene-d2	4.02	63	536266	24.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.28%
20) 2-Butanone-d5	7.07	46	215966	60.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.48%
24) Chloroform-d	7.64	84	572715	27.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.36%
26) 1,2-Dichloroethane-d4	8.30	65	347461	28.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.40%
29) Benzene-d6	8.27	84	1108498	26.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.04%
33) 1,2-Dichloropropane-d6	9.27	67	352474	26.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.12%
37) Toluene-d8	10.32	98	1014581	26.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.84%
38) trans-1,3-Dichloropropene-	10.58	79	160752	26.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.04%
39) 2-Hexanone-d5	10.93	63	172372	62.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	304897	27.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	348925	26.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.28%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	243719	22.812 ug/L	96
3) Chloromethane	2.21	50	194148	23.219 ug/L	97
5) Vinyl chloride	2.37	62	232725	24.636 ug/L	97
6) Bromomethane	2.78	94	147257	25.563 ug/L	97
8) Chloroethane	2.92	64	145577	25.482 ug/L	100
9) Trichlorofluoromethane	3.25	101	99634	19.373 ug/L	96
11) 1,1,2-Trichloro-1,2,2-trif	4.04	101	222608	22.297 ug/L	97
12) 1,1-Dichloroethene	4.03	96	240212	23.342 ug/L	99
13) Acetone	4.12	43	119016	43.990 ug/L	99
14) Carbon disulfide	4.38	76	692360	23.212 ug/L	99
15) Methyl Acetate	4.67	43	177403	27.714 ug/L	100
16) Methylene chloride	4.91	84	272047	24.440 ug/L	96
17) Methyl tert-butyl Ether	5.42	73	388163	28.576 ug/L	100
18) trans-1,2-Dichloroethene	5.41	96	263143	24.074 ug/L	98
19) 1,1-Dichloroethane	6.21	63	528790	25.561 ug/L	98
21) 2-Butanone	7.17	43	233959	55.769 ug/L	98
22) cis-1,2-Dichloroethene	7.16	96	311883	26.648 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	135130	26.289	ug/L	99
25) Chloroform	7.67	83	535711	26.229	ug/L	99
27) 1,2-Dichloroethane	8.40	62	404285	26.861	ug/L	99
30) Cyclohexane	7.95	56	446915	23.099	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	386275	24.096	ug/L	100
32) Carbon tetrachloride	8.06	117	367128	23.132	ug/L	100
34) Benzene	8.32	78	1147199	25.303	ug/L	100
35) Trichloroethene	9.09	95	291716	24.396	ug/L	98
36) Methylcyclohexane	9.33	83	457032	22.807	ug/L	99
40) 1,2-Dichloropropane	9.37	63	303662	25.953	ug/L	99
41) Bromodichloromethane	9.64	83	395569	26.162	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	475176	26.114	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	521576	57.857	ug/L	99
44) Toluene	10.38	91	1212017	25.253	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	415273	26.447	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	229474	27.033	ug/L	97
47) Tetrachloroethene	10.86	164	214815	23.544	ug/L	98
49) 2-Hexanone	10.97	43	362788	56.938	ug/L	98
50) Dibromochloromethane	11.13	129	269683	26.513	ug/L	99
51) 1,2-Dibromoethane	11.23	107	223494	26.495	ug/L	98
52) Chlorobenzene	11.66	112	765646	25.213	ug/L	99
53) Ethylbenzene	11.73	91	1358644	25.222	ug/L	99
54) m,p-Xylene	11.84	106	500088	25.098	ug/L	99
55) o-xylene	12.16	106	489191	25.890	ug/L	97
56) Styrene	12.18	104	858583	26.718	ug/L	100
57) Isopropylbenzene	12.47	105	1273732	24.776	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	289964	26.969	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	219506	26.978	ug/L	99
62) Bromoform	12.35	173	155528	26.395	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	564318	25.010	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	569870	24.337	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	538185	25.787	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	50497	26.030	ug/L	100
67) 1,3,5-Trichlorobenzene	14.63	180	383981	23.206	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	327117	24.299	ug/L	99
69) Naphthalene	15.37	128	810038	24.364	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	304700	24.173	ug/L	98

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

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