

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
 Data File : VW010201.D
 Acq On : 30 Apr 2019 02:03
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02527

Quant Time: Apr 30 02:28:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 29 15:05:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	603041	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	583170	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	296473	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	128759	18.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.28%
7) Chloroethane-d5	2.89	69	122768	21.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.56%
10) 1,1-Dichloroethene-d2	4.02	63	313541	20.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.44%
20) 2-Butanone-d5	7.08	46	130364	51.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.34%
24) Chloroform-d	7.65	84	369275	23.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.52%
26) 1,2-Dichloroethane-d4	8.31	65	220518	24.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.24%
29) Benzene-d6	8.27	84	681109	21.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.76%
33) 1,2-Dichloropropane-d6	9.27	67	222503	22.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.72%
37) Toluene-d8	10.32	98	616490	21.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.36%
38) trans-1,3-Dichloropropene-	10.58	79	100824	22.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.24%
39) 2-Hexanone-d5	10.93	63	107822	52.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	208377	24.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	248848	22.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	191713	22.631	ug/L	96
3) Chloromethane	2.21	50	170201	23.873	ug/L	95
5) Vinyl chloride	2.37	62	202505	23.150	ug/L	97
6) Bromomethane	2.78	94	124500	24.921	ug/L	99
8) Chloroethane	2.93	64	128284	24.598	ug/L	99
9) Trichlorofluoromethane	3.25	101	99557	20.926	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	163651	22.501	ug/L	96
12) 1,1-Dichloroethene	4.04	96	169732	23.182	ug/L	91
13) Acetone	4.12	43	90282	45.276	ug/L	98
14) Carbon disulfide	4.38	76	492627	23.352	ug/L	99
15) Methyl Acetate	4.67	43	113026	26.107	ug/L	99
16) Methylene chloride	4.91	84	197706	19.702	ug/L	98
17) Methyl tert-butyl Ether	5.42	73	254737	26.764	ug/L #	91
18) trans-1,2-Dichloroethene	5.42	96	186983	24.173	ug/L	98
19) 1,1-Dichloroethane	6.21	63	364312	25.371	ug/L	98
21) 2-Butanone	7.17	43	147412	52.715	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	217086	25.952	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	103755	26.978	ug/L	98
25) Chloroform	7.67	83	385551	26.205	ug/L	99
27) 1,2-Dichloroethane	8.40	62	286705	27.534	ug/L	98
30) Cyclohexane	7.95	56	297434	22.524	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	292225	23.983	ug/L	99
32) Carbon tetrachloride	8.07	117	281701	23.293	ug/L	99
34) Benzene	8.32	78	809899	24.749	ug/L	100
35) Trichloroethene	9.09	95	208126	23.852	ug/L	99
36) Methylcyclohexane	9.34	83	325793	22.436	ug/L	99
40) 1,2-Dichloropropane	9.37	63	218723	25.756	ug/L	99
41) Bromodichloromethane	9.64	83	290276	26.000	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	334493	25.321	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	326896	54.618	ug/L	100
44) Toluene	10.38	91	883163	25.216	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	295641	25.725	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	168114	26.487	ug/L	99
47) Tetrachloroethene	10.86	164	168863	23.321	ug/L	96
49) 2-Hexanone	10.97	43	232811	54.413	ug/L	99
50) Dibromochloromethane	11.13	129	208197	26.416	ug/L	94
51) 1,2-Dibromoethane	11.23	107	162721	26.188	ug/L	96
52) Chlorobenzene	11.66	112	579177	25.244	ug/L	98
53) Ethylbenzene	11.73	91	990424	24.976	ug/L	97
54) m,p-Xylene	11.84	106	375954	25.192	ug/L	99
55) o-xylene	12.16	106	366997	26.015	ug/L	98
56) Styrene	12.18	104	651468	26.665	ug/L	99
57) Isopropylbenzene	12.46	105	958183	24.960	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	210929	26.685	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	153616	26.070	ug/L	97
62) Bromoform	12.35	173	124404	26.114	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	449298	25.093	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	462811	24.586	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	428953	25.434	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	36390	25.986	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	336186	24.403	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	290875	26.074	ug/L	100
69) Naphthalene	15.37	128	644066	28.193	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	283200	26.862	ug/L	99

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

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