

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
 Data File : VW009339.D
 Acq On : 22 Mar 2019 10:19
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02519

Quant Time: Mar 22 23:42:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 23:40:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	436732	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	413921	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	219126	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	133031	25.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.96%
7) Chloroethane-d5	2.89	69	138628	22.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.80%
10) 1,1-Dichloroethene-d2	4.02	63	288550	25.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.32%
20) 2-Butanone-d5	7.08	46	115066	53.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.62%
24) Chloroform-d	7.64	84	310168	26.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.08%
26) 1,2-Dichloroethane-d4	8.30	65	188585	26.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.08%
29) Benzene-d6	8.27	84	574857	25.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.72%
33) 1,2-Dichloropropane-d6	9.27	67	176566	25.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.00%
37) Toluene-d8	10.32	98	535571	25.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.48%
38) trans-1,3-Dichloropropene-	10.58	79	87908	25.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.12%
39) 2-Hexanone-d5	10.93	63	92312	55.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	184714	27.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	208699	24.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.36%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	125086	21.742	ug/L	92
3) Chloromethane	2.22	50	142404	23.330	ug/L	97
5) Vinyl chloride	2.37	62	190687	30.351	ug/L	98
6) Bromomethane	2.78	94	136609	25.953	ug/L	98
8) Chloroethane	2.93	64	133809	25.742	ug/L	95
9) Trichlorofluoromethane	3.25	101	109227	22.009	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	150632	26.282	ug/L	93
12) 1,1-Dichloroethene	4.03	96	146670	27.272	ug/L	96
13) Acetone	4.12	43	92929	52.503	ug/L	97
14) Carbon disulfide	4.38	76	419098	28.956	ug/L	99
15) Methyl Acetate	4.67	43	92769	26.680	ug/L	98
16) Methylene chloride	4.92	84	150299	23.599	ug/L	99
17) Methyl tert-butyl Ether	5.42	73	195016	25.628	ug/L #	77
18) trans-1,2-Dichloroethene	5.42	96	149034	26.358	ug/L	97
19) 1,1-Dichloroethane	6.21	63	276204	26.791	ug/L	98
21) 2-Butanone	7.17	43	132366	54.162	ug/L	97
22) cis-1,2-Dichloroethene	7.16	96	162042	26.455	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	75438	25.678	ug/L	97
25) Chloroform	7.67	83	289777	26.839	ug/L	100
27) 1,2-Dichloroethane	8.40	62	220423	27.383	ug/L	98
30) Cyclohexane	7.95	56	244809	26.042	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	227921	27.570	ug/L	100
32) Carbon tetrachloride	8.06	117	233890	28.041	ug/L	99
34) Benzene	8.32	78	620374	27.383	ug/L	100
35) Trichloroethene	9.09	95	161925	26.823	ug/L	99
36) Methylcyclohexane	9.34	83	271219	25.968	ug/L	99
40) 1,2-Dichloropropane	9.37	63	155832	26.804	ug/L	99
41) Bromodichloromethane	9.64	83	220622	27.389	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	251076	26.516	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	274508	52.108	ug/L	99
44) Toluene	10.38	91	672108	27.133	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	223274	27.106	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	125575	27.075	ug/L	98
47) Tetrachloroethene	10.86	164	135945	26.651	ug/L	94
49) 2-Hexanone	10.97	43	205621	55.418	ug/L	100
50) Dibromochloromethane	11.13	129	154476	26.980	ug/L	97
51) 1,2-Dibromoethane	11.23	107	126720	26.951	ug/L	94
52) Chlorobenzene	11.66	112	426687	26.857	ug/L	98
53) Ethylbenzene	11.73	91	767959	27.576	ug/L	100
54) m,p-Xylene	11.84	106	286940	27.120	ug/L	93
55) o-xylene	12.16	106	277679	26.902	ug/L	96
56) Styrene	12.18	104	485872	27.589	ug/L	97
57) Isopropylbenzene	12.46	105	758448	27.430	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	174710	27.922	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	129424	27.872	ug/L	99
62) Bromoform	12.35	173	98873	26.705	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	334743	25.632	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	356730	26.420	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	334151	26.830	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	32670	26.765	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	265116	26.027	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	222220	25.971	ug/L	100
69) Naphthalene	15.37	128	480676	27.097	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	211907	26.442	ug/L	99

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

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