

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110119\
 Data File : VW013907.D
 Acq On : 01 Nov 2019 18:55
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02515

Quant Time: Nov 01 23:17:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 02 00:12:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	311680	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	305846	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	186911	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	110138	22.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.84%
7) Chloroethane-d5	2.89	69	90546	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.48%
10) 1,1-Dichloroethene-d2	4.03	63	227831	23.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.24%
20) 2-Butanone-d5	7.07	46	89840	51.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.96%
24) Chloroform-d	7.65	84	236116	24.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.16%
26) 1,2-Dichloroethane-d4	8.31	65	128217	24.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.04%
29) Benzene-d6	8.27	84	494777	24.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.60%
33) 1,2-Dichloropropane-d6	9.27	67	149220	24.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.24%
37) Toluene-d8	10.32	98	469459	24.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.60%
38) trans-1,3-Dichloropropene-	10.58	79	66659	23.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.16%
39) 2-Hexanone-d5	10.92	63	75886	53.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	137671	25.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	177792	24.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.16%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	75301	22.477 ug/L	97
3) Chloromethane	2.21	50	83446	21.719 ug/L	99
5) Vinyl chloride	2.37	62	129839	23.661 ug/L	97
6) Bromomethane	2.78	94	81249	23.539 ug/L	100
8) Chloroethane	2.92	64	76332	24.502 ug/L	97
9) Trichlorofluoromethane	3.25	101	62375	22.314 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	129392	24.119 ug/L	98
12) 1,1-Dichloroethene	4.04	96	129826	24.136 ug/L	89
13) Acetone	4.12	43	72568	42.696 ug/L	98
14) Carbon disulfide	4.38	76	377776	24.573 ug/L	98
15) Methyl Acetate	4.67	43	78165	26.559 ug/L	98
16) Methylene chloride	4.92	84	141351	24.255 ug/L	98
17) Methyl tert-butyl Ether	5.42	73	178864	26.285 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	136715	24.388 ug/L	96
19) 1,1-Dichloroethane	6.21	63	235115	24.702 ug/L	100
21) 2-Butanone	7.16	43	108785	46.629 ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	148322	25.160 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	69734	25.156	ug/L	93
25) Chloroform	7.68	83	234422	24.497	ug/L	100
27) 1,2-Dichloroethane	8.40	62	160196	25.311	ug/L	98
30) Cyclohexane	7.95	56	227844	24.687	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	182636	24.386	ug/L	99
32) Carbon tetrachloride	8.07	117	179975	24.574	ug/L	100
34) Benzene	8.32	78	556722	25.073	ug/L	100
35) Trichloroethene	9.09	95	142723	24.384	ug/L	98
36) Methylcyclohexane	9.34	83	247845	24.124	ug/L	98
40) 1,2-Dichloropropane	9.37	63	136189	24.989	ug/L	100
41) Bromodichloromethane	9.64	83	173932	25.387	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	218228	25.408	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	219722	52.423	ug/L	99
44) Toluene	10.39	91	602409	25.248	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	178829	25.198	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	108667	24.970	ug/L	97
47) Tetrachloroethene	10.86	164	130722	24.258	ug/L	98
49) 2-Hexanone	10.97	43	159911	51.934	ug/L	99
50) Dibromochloromethane	11.13	129	128281	25.393	ug/L	97
51) 1,2-Dibromoethane	11.23	107	110516	25.689	ug/L	97
52) Chlorobenzene	11.66	112	385144	25.029	ug/L	99
53) Ethylbenzene	11.73	91	659889	24.845	ug/L	98
54) m,p-Xylene	11.83	106	258074	25.213	ug/L	98
55) o-xylene	12.16	106	247908	25.623	ug/L	97
56) Styrene	12.18	104	429244	25.710	ug/L	99
57) Isopropylbenzene	12.46	105	660642	25.323	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	142794	26.054	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	106092	25.782	ug/L	99
62) Bromoform	12.35	173	85045	25.025	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	315547	24.378	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	313873	24.190	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	288902	24.684	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	24191	25.802	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	245234	25.155	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	197571	25.032	ug/L	97
69) Naphthalene	15.36	128	408341	27.270	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	184835	25.414	ug/L	99

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

