

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092719\
 Data File : VW013323.D
 Acq On : 27 Sep 2019 15:44
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02509

Quant Time: Sep 28 03:44:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092619S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 28 03:37:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	465658	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	416313	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	213773	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	134613	24.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.96%
7) Chloroethane-d5	2.88	69	111894	25.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.44%
10) 1,1-Dichloroethene-d2	4.02	63	278465	25.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.88%
20) 2-Butanone-d5	7.08	46	115324	60.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.18%
24) Chloroform-d	7.65	84	272847	25.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.96%
26) 1,2-Dichloroethane-d4	8.31	65	149325	26.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.28%
29) Benzene-d6	8.27	84	571794	25.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.20%
33) 1,2-Dichloropropane-d6	9.27	67	173056	25.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.76%
37) Toluene-d8	10.32	98	541270	25.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.72%
38) trans-1,3-Dichloropropene-	10.57	79	78844	26.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.20%
39) 2-Hexanone-d5	10.92	63	91067	61.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	161972	28.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	197474	25.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.44%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	93315	32.020	ug/L 98
3) Chloromethane	2.21	50	104123	26.665	ug/L 94
5) Vinyl chloride	2.36	62	147828	27.374	ug/L 99
6) Bromomethane	2.78	94	90114	26.246	ug/L 98
8) Chloroethane	2.92	64	88219	26.928	ug/L 98
9) Trichlorofluoromethane	3.26	101	85722	25.611	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	144937	27.402	ug/L 99
12) 1,1-Dichloroethene	4.04	96	141210	26.306	ug/L 97
13) Acetone	4.12	43	87873	55.013	ug/L 98
14) Carbon disulfide	4.38	76	404265	26.530	ug/L 100
15) Methyl Acetate	4.67	43	90721	29.434	ug/L 98
16) Methylene chloride	4.92	84	154698	22.236	ug/L 97
17) Methyl tert-butyl Ether	5.42	73	249604	26.883	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	152718	26.606	ug/L 97
19) 1,1-Dichloroethane	6.21	63	265253	26.347	ug/L 98
21) 2-Butanone	7.17	43	131079	56.974	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	164142	26.245	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	74134	26.341	ug/L	97
25) Chloroform	7.67	83	262358	26.517	ug/L	99
27) 1,2-Dichloroethane	8.40	62	177495	27.393	ug/L	100
30) Cyclohexane	7.95	56	263747	26.379	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	212019	26.534	ug/L	99
32) Carbon tetrachloride	8.07	117	201913	26.502	ug/L	99
34) Benzene	8.32	78	614128	26.313	ug/L	100
35) Trichloroethene	9.09	95	159604	26.030	ug/L	99
36) Methylcyclohexane	9.34	83	285255	26.115	ug/L	99
40) 1,2-Dichloropropane	9.37	63	152157	26.499	ug/L	100
41) Bromodichloromethane	9.65	83	186769	26.510	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	244795	26.689	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	259757	59.091	ug/L	98
44) Toluene	10.38	91	670981	26.406	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	202675	27.490	ug/L	95
46) 1,1,2-Trichloroethane	10.79	97	123310	27.408	ug/L	98
47) Tetrachloroethene	10.86	164	143957	26.092	ug/L	96
49) 2-Hexanone	10.97	43	189596	60.002	ug/L	99
50) Dibromochloromethane	11.13	129	143208	27.750	ug/L	93
51) 1,2-Dibromoethane	11.23	107	122800	27.782	ug/L #	95
52) Chlorobenzene	11.66	112	420310	26.251	ug/L	98
53) Ethylbenzene	11.73	91	746418	26.499	ug/L	96
54) m,p-Xylene	11.84	106	286677	26.506	ug/L	98
55) o-xylene	12.16	106	269838	26.439	ug/L	98
56) Styrene	12.18	104	472065	26.976	ug/L	98
57) Isopropylbenzene	12.46	105	744331	26.971	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	160582	28.972	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	117873	28.499	ug/L	99
62) Bromoform	12.35	173	94106	27.826	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	340890	25.915	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	346471	26.067	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	318362	26.599	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.48	75	27214	28.871	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	271145	26.771	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	221489	27.395	ug/L	99
69) Naphthalene	15.36	128	465437	30.133	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	202590	27.551	ug/L	98

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

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