

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091319\
 Data File : VW012949.D
 Acq On : 13 Sep 2019 11:11
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.10G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02510

Quant Time: Sep 13 14:59:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 13 02:47:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	395081	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	345038	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	172675	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	104696	26.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.40%
7) Chloroethane-d5	2.89	69	86764	26.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.20%
10) 1,1-Dichloroethene-d2	4.01	63	245629	25.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.40%
20) 2-Butanone-d5	7.07	46	78127	52.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.16%
24) Chloroform-d	7.65	84	248037	24.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.32%
26) 1,2-Dichloroethane-d4	8.30	65	131476	24.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.56%
29) Benzene-d6	8.27	84	438711	24.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.68%
33) 1,2-Dichloropropane-d6	9.27	67	141103	24.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.12%
37) Toluene-d8	10.32	98	417685	24.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.68%
38) trans-1,3-Dichloropropene-	10.57	79	63534	24.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.24%
39) 2-Hexanone-d5	10.92	63	56101	51.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109256	24.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	157556	23.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.84%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	91906	30.134	ug/L 99
3) Chloromethane	2.21	50	109422	26.296	ug/L 99
5) Vinyl chloride	2.36	62	152400	28.361	ug/L 98
6) Bromomethane	2.78	94	85910	26.767	ug/L 98
8) Chloroethane	2.92	64	86927	26.828	ug/L 99
9) Trichlorofluoromethane	3.26	101	92133	28.600	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	125306	26.562	ug/L 99
12) 1,1-Dichloroethene	4.04	96	124547	26.436	ug/L 87
13) Acetone	4.12	43	75481	58.952	ug/L 100
14) Carbon disulfide	4.38	76	378486	26.871	ug/L 99
15) Methyl Acetate	4.67	43	60256	25.198	ug/L 99
16) Methylene chloride	4.92	84	125477	23.262	ug/L 94
17) Methyl tert-butyl Ether	5.42	73	206261	25.163	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	128497	25.430	ug/L 97
19) 1,1-Dichloroethane	6.21	63	241701	25.246	ug/L 98
21) 2-Butanone	7.16	43	96436	57.171	ug/L 98
22) cis-1,2-Dichloroethene	7.16	96	135480	25.275	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	56126	24.169	ug/L	94
25) Chloroform	7.67	83	241742	25.075	ug/L	100
27) 1,2-Dichloroethane	8.40	62	165965	25.474	ug/L	98
30) Cyclohexane	7.95	56	245666	26.713	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	205701	26.155	ug/L	99
32) Carbon tetrachloride	8.07	117	193002	26.282	ug/L	99
34) Benzene	8.32	78	524884	25.297	ug/L	100
35) Trichloroethene	9.09	95	140351	25.631	ug/L	99
36) Methylcyclohexane	9.33	83	246089	25.989	ug/L	99
40) 1,2-Dichloropropane	9.37	63	128177	24.559	ug/L	99
41) Bromodichloromethane	9.64	83	167217	25.150	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	209335	25.529	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	175877	52.972	ug/L	98
44) Toluene	10.38	91	558307	25.147	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	170624	25.671	ug/L	95
46) 1,1,2-Trichloroethane	10.79	97	87764	25.006	ug/L	96
47) Tetrachloroethene	10.86	164	116674	24.745	ug/L	97
49) 2-Hexanone	10.96	43	136260	55.521	ug/L	99
50) Dibromochloromethane	11.13	129	110721	25.903	ug/L	98
51) 1,2-Dibromoethane	11.23	107	83863	24.841	ug/L	94
52) Chlorobenzene	11.65	112	339701	24.489	ug/L	97
53) Ethylbenzene	11.73	91	633328	25.135	ug/L	99
54) m,p-Xylene	11.84	106	235351	24.982	ug/L	100
55) o-xylene	12.16	106	223547	25.224	ug/L	100
56) Styrene	12.18	104	378237	25.082	ug/L	100
57) Isopropylbenzene	12.46	105	623692	25.627	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	101734	25.485	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	77635	25.238	ug/L	98
62) Bromoform	12.35	173	64644	26.196	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	273986	25.049	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	266040	24.381	ug/L	99
65) 1,2-Dichlorobenzene	13.86	146	237271	24.189	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.48	75	17378	25.564	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	208020	24.724	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	164705	24.694	ug/L	97
69) Naphthalene	15.36	128	283977	26.289	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	145904	24.793	ug/L	99

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

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