

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080719\
 Data File : VW011739.D
 Acq On : 06 Aug 2019 12:52
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 06 16:33:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 06 04:37:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	367145	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	328908	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	159574	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	111658	21.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.40%
7) Chloroethane-d5	2.89	69	87678	23.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.20%
10) 1,1-Dichloroethene-d2	4.02	63	278519	23.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.00%
20) 2-Butanone-d5	7.07	46	103018	44.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.50%
24) Chloroform-d	7.65	84	244501	24.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	8.31	65	144319	24.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.72%
29) Benzene-d6	8.27	84	487465	23.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.28%
33) 1,2-Dichloropropane-d6	9.27	67	160932	24.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.40%
37) Toluene-d8	10.32	98	432923	23.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.32%
38) trans-1,3-Dichloropropene-	10.58	79	68532	23.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.68%
39) 2-Hexanone-d5	10.92	63	70372	45.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128490	23.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	146807	23.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.48%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	109599	26.636	ug/L 98
3) Chloromethane	2.21	50	120513	22.517	ug/L 98
5) Vinyl chloride	2.36	62	165122	24.181	ug/L 99
6) Bromomethane	2.78	94	80163	24.901	ug/L 100
8) Chloroethane	2.92	64	88558	24.796	ug/L 95
9) Trichlorofluoromethane	3.26	101	82434	23.698	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	135217	25.640	ug/L 96
12) 1,1-Dichloroethene	4.04	96	131524	24.942	ug/L 91
13) Acetone	4.12	43	98363	39.454	ug/L 99
14) Carbon disulfide	4.39	76	407152	23.707	ug/L 100
15) Methyl Acetate	4.67	43	92083	22.590	ug/L 99
16) Methylene chloride	4.91	84	144239	25.175	ug/L 98
17) Methyl tert-butyl Ether	5.42	73	220018	25.055	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	134442	24.677	ug/L 98
19) 1,1-Dichloroethane	6.21	63	275305	25.296	ug/L 99
21) 2-Butanone	7.17	43	132136	42.273	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	144144	25.289	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	61354	25.299	ug/L	98
25) Chloroform	7.67	83	255905	25.511	ug/L	100
27) 1,2-Dichloroethane	8.40	62	188967	25.447	ug/L	99
30) Cyclohexane	7.95	56	281430	24.616	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	201404	25.131	ug/L	98
32) Carbon tetrachloride	8.07	117	187028	24.806	ug/L	99
34) Benzene	8.32	78	577734	25.066	ug/L	100
35) Trichloroethene	9.09	95	144128	24.631	ug/L	99
36) Methylcyclohexane	9.34	83	262699	24.748	ug/L	99
40) 1,2-Dichloropropane	9.37	63	154216	25.066	ug/L	99
41) Bromodichloromethane	9.64	83	183798	25.316	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	235890	25.633	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	258629	46.396	ug/L	100
44) Toluene	10.38	91	594425	25.384	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	192893	25.193	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	103023	24.560	ug/L	99
47) Tetrachloroethene	10.86	164	108149	24.198	ug/L	94
49) 2-Hexanone	10.97	43	189109	44.033	ug/L	99
50) Dibromochloromethane	11.13	129	116191	25.131	ug/L	94
51) 1,2-Dibromoethane	11.24	107	99107	24.281	ug/L	98
52) Chlorobenzene	11.66	112	350758	24.827	ug/L	97
53) Ethylbenzene	11.73	91	664580	25.449	ug/L	98
54) m,p-Xylene	11.84	106	240313	25.307	ug/L	98
55) o-xylene	12.16	106	229938	25.730	ug/L	100
56) Styrene	12.18	104	399120	26.269	ug/L	98
57) Isopropylbenzene	12.46	105	631286	25.677	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	131590	23.607	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	100108	23.285	ug/L	99
62) Bromoform	12.35	173	66897	23.432	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	273433	25.247	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	268486	24.685	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	246883	25.174	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	22854	22.516	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	206429	25.896	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	170274	26.522	ug/L	99
69) Naphthalene	15.37	128	325764	25.197	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	152821	25.702	ug/L	98

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

