

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081119\
 Data File : VW011814.D
 Acq On : 09 Aug 2019 15:40
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.03G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02511

Quant Time: Aug 10 03:47:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 03:43:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	332327	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	294049	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	142553	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	93620	20.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.04%
7) Chloroethane-d5	2.89	69	76068	22.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.28%
10) 1,1-Dichloroethene-d2	4.03	63	249085	23.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.88%
20) 2-Butanone-d5	7.07	46	76890	36.49	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.98%
24) Chloroform-d	7.65	84	220807	24.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.76%
26) 1,2-Dichloroethane-d4	8.31	65	124782	23.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.40%
29) Benzene-d6	8.27	84	428841	23.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.76%
33) 1,2-Dichloropropane-d6	9.27	67	143483	24.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.16%
37) Toluene-d8	10.32	98	382432	23.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.20%
38) trans-1,3-Dichloropropene-	10.58	79	56577	21.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.52%
39) 2-Hexanone-d5	10.93	63	52329	37.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102068	20.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	125218	22.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.16%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	98026	26.319	ug/L 97
3) Chloromethane	2.21	50	119264	24.618	ug/L 99
5) Vinyl chloride	2.36	62	160072	25.897	ug/L 98
6) Bromomethane	2.78	94	76865	26.378	ug/L 99
8) Chloroethane	2.92	64	87288	27.002	ug/L 99
9) Trichlorofluoromethane	3.26	101	81771	25.970	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	131176	27.480	ug/L 97
12) 1,1-Dichloroethene	4.04	96	125934	26.384	ug/L 94
13) Acetone	4.12	43	79734	35.332	ug/L 97
14) Carbon disulfide	4.39	76	389286	25.041	ug/L 99
15) Methyl Acetate	4.67	43	73420	19.899	ug/L 100
16) Methylene chloride	4.92	84	137117	26.439	ug/L 97
17) Methyl tert-butyl Ether	5.42	73	197134	24.801	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	130094	26.381	ug/L 99
19) 1,1-Dichloroethane	6.21	63	270026	27.410	ug/L 100
21) 2-Butanone	7.17	43	104570	36.959	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	139806	27.098	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	56031	25.525	ug/L	96
25) Chloroform	7.68	83	250738	27.614	ug/L	99
27) 1,2-Dichloroethane	8.40	62	176269	26.224	ug/L	98
30) Cyclohexane	7.96	56	276328	27.035	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	199250	27.809	ug/L	99
32) Carbon tetrachloride	8.07	117	185457	27.514	ug/L	100
34) Benzene	8.32	78	562040	27.275	ug/L	100
35) Trichloroethene	9.09	95	140801	26.916	ug/L	99
36) Methylcyclohexane	9.34	83	259906	27.387	ug/L	99
40) 1,2-Dichloropropane	9.37	63	151603	27.562	ug/L	100
41) Bromodichloromethane	9.65	83	178186	27.453	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	224303	27.264	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	210178	42.174	ug/L	99
44) Toluene	10.39	91	579555	27.683	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	177918	25.992	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	93261	24.869	ug/L	97
47) Tetrachloroethene	10.86	164	107152	26.817	ug/L	96
49) 2-Hexanone	10.97	43	154984	40.365	ug/L	100
50) Dibromochloromethane	11.13	129	108205	26.178	ug/L	94
51) 1,2-Dibromoethane	11.23	107	87273	23.916	ug/L	99
52) Chlorobenzene	11.66	112	346736	27.452	ug/L	100
53) Ethylbenzene	11.73	91	658222	28.193	ug/L	100
54) m,p-Xylene	11.84	106	237824	28.014	ug/L	95
55) o-xylene	12.16	106	226091	28.298	ug/L	97
56) Styrene	12.18	104	386133	28.427	ug/L	99
57) Isopropylbenzene	12.46	105	629242	28.628	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	111816	22.437	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	84867	22.080	ug/L	98
62) Bromoform	12.35	173	58080	22.773	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	263217	27.205	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	262253	26.991	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	235865	26.922	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	18220	20.093	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	200089	28.097	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	158472	27.631	ug/L	99
69) Naphthalene	15.37	128	269117	23.301	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	139671	26.295	ug/L	98

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

