

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080919\
 Data File : VW011764.D
 Acq On : 08 Aug 2019 09:58
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02508

Quant Time: Aug 09 02:14:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 08 18:45:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	397641	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	352586	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	171048	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	123629	22.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.32%
7) Chloroethane-d5	2.89	69	98567	24.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.76%
10) 1,1-Dichloroethene-d2	4.02	63	316430	24.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.60%
20) 2-Butanone-d5	7.07	46	114144	45.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.54%
24) Chloroform-d	7.65	84	278530	25.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.04%
26) 1,2-Dichloroethane-d4	8.30	65	162613	25.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.64%
29) Benzene-d6	8.27	84	549912	24.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.20%
33) 1,2-Dichloropropane-d6	9.27	67	181586	25.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.48%
37) Toluene-d8	10.32	98	491914	25.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.00%
38) trans-1,3-Dichloropropene-	10.58	79	76615	24.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.68%
39) 2-Hexanone-d5	10.92	63	75511	45.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	138679	23.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	160698	24.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.52%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	116472	26.135	ug/L 99
3) Chloromethane	2.21	50	143633	24.778	ug/L 100
5) Vinyl chloride	2.36	62	195030	26.370	ug/L 100
6) Bromomethane	2.78	94	92106	26.416	ug/L 98
8) Chloroethane	2.92	64	105621	27.306	ug/L 97
9) Trichlorofluoromethane	3.26	101	108908	28.907	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	155418	27.210	ug/L 97
12) 1,1-Dichloroethene	4.04	96	151041	26.447	ug/L 95
13) Acetone	4.12	43	133130	49.304	ug/L 98
14) Carbon disulfide	4.38	76	475251	25.550	ug/L 100
15) Methyl Acetate	4.67	43	100637	22.795	ug/L 100
16) Methylene chloride	4.92	84	161281	25.991	ug/L 96
17) Methyl tert-butyl Ether	5.42	73	247889	26.064	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	157729	26.731	ug/L 97
19) 1,1-Dichloroethane	6.21	63	324037	27.490	ug/L 99
21) 2-Butanone	7.16	43	155513	45.936	ug/L 100
22) cis-1,2-Dichloroethene	7.16	96	168508	27.297	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	69133	26.321	ug/L	99
25) Chloroform	7.68	83	297684	27.400	ug/L	99
27) 1,2-Dichloroethane	8.40	62	218425	27.158	ug/L	98
30) Cyclohexane	7.96	56	326972	26.678	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	241304	28.087	ug/L	98
32) Carbon tetrachloride	8.07	117	223339	27.633	ug/L	100
34) Benzene	8.32	78	676576	27.383	ug/L	100
35) Trichloroethene	9.09	95	172408	27.486	ug/L	99
36) Methylcyclohexane	9.34	83	302482	26.582	ug/L	100
40) 1,2-Dichloropropane	9.37	63	180652	27.391	ug/L	100
41) Bromodichloromethane	9.65	83	215704	27.715	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	276454	28.024	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	287957	48.188	ug/L	99
44) Toluene	10.39	91	697521	27.787	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	226378	27.581	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	116774	25.969	ug/L	98
47) Tetrachloroethene	10.86	164	130886	27.318	ug/L	94
49) 2-Hexanone	10.97	43	216285	46.978	ug/L	97
50) Dibromochloromethane	11.13	129	136380	27.516	ug/L	98
51) 1,2-Dibromoethane	11.24	107	112097	25.619	ug/L	99
52) Chlorobenzene	11.66	112	414764	27.386	ug/L	99
53) Ethylbenzene	11.73	91	787518	28.131	ug/L	99
54) m,p-Xylene	11.84	106	283782	27.878	ug/L	99
55) o-xylene	12.16	106	268954	28.074	ug/L	98
56) Styrene	12.18	104	464290	28.506	ug/L	98
57) Isopropylbenzene	12.46	105	738326	28.014	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	147402	24.667	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	111464	24.185	ug/L	98
62) Bromoform	12.35	173	77207	25.229	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	314067	27.053	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	312226	26.781	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	282336	26.857	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	24993	22.971	ug/L	100
67) 1,3,5-Trichlorobenzene	14.63	180	233644	27.343	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	190665	27.706	ug/L	99
69) Naphthalene	15.36	128	354726	25.597	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	169678	26.622	ug/L	98

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

