

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092619\
 Data File : VW013301.D
 Acq On : 26 Sep 2019 11:35
 Operator : SY/VA
 Sample : VSTD05004
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05004

Quant Time: Sep 26 12:00:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092619S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 11:15:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	504008	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	444185	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	222006	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	279766	55.20	ug/L	0.00
7) Chloroethane-d5	2.88	69	221650	53.16	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	566888	46.77	ug/L	0.00
20) 2-Butanone-d5	7.08	46	190460	100.49	ug/L	0.00
24) Chloroform-d	7.65	84	517249	40.58	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	280358	41.18	ug/L	0.00
29) Benzene-d6	8.27	84	1116268	49.25	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	337362	45.09	ug/L	0.00
37) Toluene-d8	10.32	98	1066535	49.42	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	153489	46.56	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	155367	110.05	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	285022	50.47	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	372926	44.10	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	197576	50.781	ug/L 98
3) Chloromethane	2.21	50	220861	41.606	ug/L 97
5) Vinyl chloride	2.36	62	318774	46.501	ug/L 98
6) Bromomethane	2.78	94	196181	47.915	ug/L 97
8) Chloroethane	2.92	64	188036	45.491	ug/L 98
9) Trichlorofluoromethane	3.26	101	196394	47.789	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	299577	49.779	ug/L 98
12) 1,1-Dichloroethene	4.04	96	301231	50.120	ug/L 93
13) Acetone	4.13	43	170908	104.633	ug/L 97
14) Carbon disulfide	4.38	76	886427	49.331	ug/L 99
15) Methyl Acetate	4.67	43	170774	55.980	ug/L 99
16) Methylene chloride	4.91	84	323929	47.074	ug/L 99
17) Methyl tert-butyl Ether	5.42	73	513148	49.073	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	322974	50.104	ug/L 97
19) 1,1-Dichloroethane	6.21	63	556149	45.535	ug/L 99
21) 2-Butanone	7.17	43	245444	114.060	ug/L 99
22) cis-1,2-Dichloroethene	7.16	96	348082	50.904	ug/L 97
23) Bromochloromethane	7.51	128	155037	52.333	ug/L 97
25) Chloroform	7.67	83	542102	44.078	ug/L 100
27) 1,2-Dichloroethane	8.40	62	361443	43.487	ug/L 100
30) Cyclohexane	7.95	56	566677	47.866	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	437611	43.222	ug/L 99
32) Carbon tetrachloride	8.07	117	424516	44.904	ug/L 100
34) Benzene	8.32	78	1292705	48.397	ug/L 100
35) Trichloroethene	9.09	95	337930	47.938	ug/L 99
36) Methylcyclohexane	9.34	83	621425	50.978	ug/L 98
40) 1,2-Dichloropropane	9.37	63	321265	47.816	ug/L 99
41) Bromodichloromethane	9.64	83	394607	46.103	ug/L 98
42) cis-1,3-Dichloropropene	10.07	75	519157	49.181	ug/L 98
43) 4-Methyl-2-pentanone	10.21	43	485407	113.567	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	1398872	48.944	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	422845	49.419	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	245876	54.419	ug/L	98
47) Tetrachloroethene	10.86	164	301912	49.738	ug/L	98
49) 2-Hexanone	10.97	43	357212	113.062	ug/L	99
50) Dibromochloromethane	11.13	129	293164	53.277	ug/L	98
51) 1,2-Dibromoethane	11.23	107	243862	56.111	ug/L	99
52) Chlorobenzene	11.66	112	881730	49.376	ug/L	99
53) Ethylbenzene	11.73	91	1562773	48.178	ug/L	97
54) m,p-Xylene	11.83	106	600543	49.518	ug/L	100
55) o-xylene	12.16	106	568819	49.857	ug/L	97
56) Styrene	12.18	104	991163	51.056	ug/L	99
57) Isopropylbenzene	12.46	105	1537982	49.089	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	306486	59.639	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	223225	56.369	ug/L	99
62) Bromoform	12.35	173	188646	59.458	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	715600	50.886	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	703545	50.149	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	643471	51.024	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	50590	57.884	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	550438	50.884	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	455299	53.094	ug/L	99
69) Naphthalene	15.36	128	919997	66.244	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	407104	53.806	ug/L	98

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

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