

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042820\
 Data File : VW015363.D
 Acq On : 28 Apr 2020 15:33
 Operator : SY/VA
 Sample : VSTD00502
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00502

Quant Time: Apr 28 16:02:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042820S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 28 15:19:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	378912	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	341147	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	176344	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	15993	7.39	ug/L	0.00
7) Chloroethane-d5	2.89	69	18780	5.86	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	40805	6.18	ug/L	0.00
20) 2-Butanone-d5	7.08	46	8797	10.10	ug/L	0.00
24) Chloroform-d	7.65	84	47168	5.75	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	23754	5.56	ug/L	0.00
29) Benzene-d6	8.27	84	91343	5.87	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	24856	5.68	ug/L	0.00
37) Toluene-d8	10.32	98	92135	5.79	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	12355	5.41	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	8212	10.04	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	19688	5.31	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	35033	5.77	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	20587	6.004	ug/L 99
3) Chloromethane	2.21	50	16181	5.890	ug/L 96
5) Vinyl chloride	2.37	62	18286	6.553	ug/L 94
6) Bromomethane	2.78	94	18179	5.627	ug/L 100
8) Chloroethane	2.93	64	14696	5.587	ug/L 100
9) Trichlorofluoromethane	3.26	101	22243	5.745	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	23769	5.527	ug/L 99
12) 1,1-Dichloroethene	4.03	96	23414	5.936	ug/L 99
13) Acetone	4.12	43	8177	11.591	ug/L 97
14) Carbon disulfide	4.38	76	64614	6.281	ug/L 99
15) Methyl Acetate	4.67	43	6907	5.043	ug/L 99
16) Methylene chloride	4.92	84	28063	5.909	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	34195	5.664	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	25178	5.570	ug/L 96
19) 1,1-Dichloroethane	6.21	63	39323	5.589	ug/L 99
21) 2-Butanone	7.17	43	11864	11.121	ug/L 96
22) cis-1,2-Dichloroethene	7.17	96	27367	5.652	ug/L 97
23) Bromochloromethane	7.51	128	12885	5.620	ug/L 95
25) Chloroform	7.68	83	44283	5.582	ug/L 98
27) 1,2-Dichloroethane	8.40	62	27693	5.467	ug/L 99
30) Cyclohexane	7.96	56	36260	5.774	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	40908	5.857	ug/L 99
32) Carbon tetrachloride	8.07	117	39270	5.884	ug/L 99
34) Benzene	8.32	78	96463	5.753	ug/L 100
35) Trichloroethene	9.09	95	27704	5.727	ug/L 98
36) Methylcyclohexane	9.34	83	46701	5.698	ug/L 99
40) 1,2-Dichloropropane	9.37	63	21369	5.617	ug/L 100
41) Bromodichloromethane	9.64	83	32020	5.445	ug/L 100
42) cis-1,3-Dichloropropene	10.07	75	35940	5.340	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	30219	11.527	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) Toluene	10.38	91	110733	5.604	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	32098	5.346	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	18137	5.474	ug/L	99
47) Tetrachloroethene	10.86	164	26259	5.685	ug/L	97
49) 2-Hexanone	10.97	43	14750	10.172	ug/L	97
50) Dibromochloromethane	11.13	129	24188	5.480	ug/L	99
51) 1,2-Dibromoethane	11.23	107	17440	5.255	ug/L	95
52) Chlorobenzene	11.66	112	73512	5.575	ug/L	98
53) Ethylbenzene	11.73	91	127875	5.638	ug/L	99
54) m,p-Xylene	11.83	106	50397	5.632	ug/L	98
55) o-xylene	12.16	106	48493	5.683	ug/L	98
56) Styrene	12.18	104	78991	5.458	ug/L	96
57) Isopropylbenzene	12.46	105	129736	5.553	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	19066	5.148	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	14146	5.184	ug/L	99
62) Bromoform	12.35	173	14542	5.175	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	61133	5.634	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	59550	5.546	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	55401	5.825	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	3357	5.250	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	48428	5.976	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	38517	5.704	ug/L	100
69) Naphthalene	15.36	128	61795	5.367	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	33534	5.721	ug/L	98

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

