

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042820\
 Data File : VW015361.D
 Acq On : 28 Apr 2020 14:22
 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: Apr 28 14:54:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042820S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 28 14:27:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	397472	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	367878	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	195164	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	140932	32.22	ug/L	0.00
7) Chloroethane-d5	2.89	69	156340	39.27	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	333372	40.37	ug/L	0.00
20) 2-Butanone-d5	7.09	46	90013	95.19	ug/L	0.00
24) Chloroform-d	7.65	84	403291	56.20	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	212614	45.68	ug/L	0.00
29) Benzene-d6	8.27	84	762950	46.47	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	217246	47.53	ug/L	0.00
37) Toluene-d8	10.32	98	782767	45.05	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	114257	47.61	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	86713	101.10	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	197752	51.22	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	314340	46.19	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	181463	32.465	ug/L 95
3) Chloromethane	2.21	50	145411	30.670	ug/L 100
5) Vinyl chloride	2.37	62	191771	34.544	ug/L 96
6) Bromomethane	2.78	94	165294	42.364	ug/L 100
8) Chloroethane	2.92	64	139734	39.465	ug/L 98
9) Trichlorofluoromethane	3.26	101	201641	23.901	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	222814	42.822	ug/L 98
12) 1,1-Dichloroethene	4.03	96	211374	45.140	ug/L 97
13) Acetone	4.13	43	58897	69.722	ug/L 96
14) Carbon disulfide	4.37	76	584758	40.236	ug/L 100
15) Methyl Acetate	4.68	43	72861	44.828	ug/L 99
16) Methylene chloride	4.91	84	211635	41.061	ug/L 98
17) Methyl tert-butyl Ether	5.43	73	315078	28.120	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	232420	44.400	ug/L 96
19) 1,1-Dichloroethane	6.21	63	363006	45.245	ug/L 99
21) 2-Butanone	7.18	43	97785	83.444	ug/L 97
22) cis-1,2-Dichloroethene	7.16	96	251035	45.757	ug/L 99
23) Bromochloromethane	7.51	128	121676	47.813	ug/L 99
25) Chloroform	7.67	83	412393	39.013	ug/L 100
27) 1,2-Dichloroethane	8.40	62	270047	47.262	ug/L 100
30) Cyclohexane	7.95	56	331537	45.239	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	367551	42.892	ug/L 100
32) Carbon tetrachloride	8.07	117	356463	46.566	ug/L 99
34) Benzene	8.32	78	881243	47.856	ug/L 100
35) Trichloroethene	9.09	95	251581	47.088	ug/L 99
36) Methylcyclohexane	9.34	83	431694	47.629	ug/L 99
40) 1,2-Dichloropropane	9.37	63	201241	48.033	ug/L 100
41) Bromodichloromethane	9.64	83	317239	48.873	ug/L 98
42) cis-1,3-Dichloropropene	10.07	75	364640	48.662	ug/L 99
43) 4-Methyl-2-pentanone	10.21	43	243170	105.364	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	1036602	47.085	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	329071	49.788	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	180181	50.263	ug/L	98
47) Tetrachloroethene	10.86	164	246354	49.073	ug/L	97
49) 2-Hexanone	10.97	43	161445	95.294	ug/L	100
50) Dibromochloromethane	11.13	129	247705	51.842	ug/L	100
51) 1,2-Dibromoethane	11.23	107	182428	50.961	ug/L	97
52) Chlorobenzene	11.66	112	702750	47.451	ug/L	98
53) Ethylbenzene	11.73	91	1200982	46.450	ug/L	100
54) m,p-Xylene	11.83	106	480660	46.367	ug/L	96
55) o-xylene	12.16	106	461990	47.026	ug/L	96
56) Styrene	12.18	104	798810	47.790	ug/L	99
57) Isopropylbenzene	12.46	105	1266555	46.705	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	206238	52.383	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	150647	50.429	ug/L	100
62) Bromoform	12.35	173	168047	55.579	ug/L #	97
63) 1,3-Dichlorobenzene	13.50	146	591968	46.831	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	585963	46.962	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	516678	45.686	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	36753	48.876	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	446085	47.302	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	372714	49.600	ug/L	99
69) Naphthalene	15.36	128	661516	52.157	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	320834	49.598	ug/L	98

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

