

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032520\
 Data File : VW015132.D
 Acq On : 25 Mar 2020 10:55
 Operator : SY/VA
 Sample : VSTD05006
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05006

Quant Time: Mar 25 14:01:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 25 13:57:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	626332	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	577209	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	250521	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	523119	35.75	ug/L	0.00
7) Chloroethane-d5	2.89	69	447859	41.59	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	1089886	46.24	ug/L	0.00
20) 2-Butanone-d5	7.07	46	271177	106.61	ug/L	0.00
24) Chloroform-d	7.65	84	936111	47.15	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	532603	47.74	ug/L	0.00
29) Benzene-d6	8.27	84	1867408	48.99	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	619618	48.54	ug/L	0.00
37) Toluene-d8	10.32	98	1663578	52.33	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	246355	51.99	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	206743	120.58	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	422156	50.56	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	439592	49.57	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	242612	46.106	ug/L 96
3) Chloromethane	2.21	50	399297	34.304	ug/L 100
5) Vinyl chloride	2.37	62	581504	38.343	ug/L 100
6) Bromomethane	2.78	94	319691	45.286	ug/L 100
8) Chloroethane	2.92	64	365178	43.284	ug/L 99
9) Trichlorofluoromethane	3.26	101	354160	50.075	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	469097	48.056	ug/L 100
12) 1,1-Dichloroethene	4.04	96	457426	49.383	ug/L 98
13) Acetone	4.12	43	209317	73.595	ug/L 100
14) Carbon disulfide	4.39	76	1667823	47.701	ug/L 100
15) Methyl Acetate	4.67	43	249525	48.216	ug/L 99
16) Methylene chloride	4.92	84	487896	42.509	ug/L 98
17) Methyl tert-butyl Ether	5.43	73	639217	55.968	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	479615	49.925	ug/L 99
19) 1,1-Dichloroethane	6.21	63	1016880	47.694	ug/L 96
21) 2-Butanone	7.17	43	323520	92.742	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	493998	50.828	ug/L 96
23) Bromochloromethane	7.51	128	192508	50.359	ug/L 97
25) Chloroform	7.67	83	918848	47.384	ug/L 100
27) 1,2-Dichloroethane	8.40	62	655956	49.007	ug/L 99
30) Cyclohexane	7.95	56	1013413	53.305	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	728689	49.084	ug/L 99
32) Carbon tetrachloride	8.07	117	638052	48.207	ug/L 100
34) Benzene	8.32	78	2121696	49.973	ug/L 100
35) Trichloroethene	9.09	95	506460	48.933	ug/L 98
36) Methylcyclohexane	9.34	83	940933	53.347	ug/L 99
40) 1,2-Dichloropropane	9.37	63	578655	49.092	ug/L 100
41) Bromodichloromethane	9.64	83	660806	49.680	ug/L 99
42) cis-1,3-Dichloropropene	10.07	75	829676	54.055	ug/L 98
43) 4-Methyl-2-pentanone	10.21	43	726668	109.754	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	2198140	53.185	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	716173	56.678	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	338874	50.443	ug/L	99
47) Tetrachloroethene	10.86	164	327655	49.261	ug/L	95
49) 2-Hexanone	10.96	43	508537	107.560	ug/L	99
50) Dibromochloromethane	11.13	129	364959	51.389	ug/L	99
51) 1,2-Dibromoethane	11.23	107	308410	52.616	ug/L	99
52) Chlorobenzene	11.66	112	1217008	49.935	ug/L	98
53) Ethylbenzene	11.73	91	2423208	53.535	ug/L	99
54) m,p-Xylene	11.84	106	857006	54.206	ug/L	97
55) o-xylene	12.16	106	821452	55.571	ug/L	98
56) Styrene	12.18	104	1414342	56.011	ug/L	96
57) Isopropylbenzene	12.46	105	2249444	55.842	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	434550	51.206	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	327297	50.297	ug/L	98
62) Bromoform	12.35	173	184693	52.350	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	834492	51.526	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	824888	49.311	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	757463	51.449	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.48	75	67956	51.795	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	525118	48.936	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	437434	55.197	ug/L	100
69) Naphthalene	15.36	128	933493	104.273	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	396939	55.633	ug/L	98

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

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