

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032520\
 Data File : VW015133.D
 Acq On : 25 Mar 2020 11:21
 Operator : SY/VA
 Sample : VSTD10001
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10001

Quant Time: Mar 25 14:01:44 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	624577	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	573847	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	257577	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	1028385	70.48	ug/L	0.00
7) Chloroethane-d5	2.88	69	872607	81.25	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	2116417	90.05	ug/L	0.00
20) 2-Butanone-d5	7.07	46	589250	232.31	ug/L	0.00
24) Chloroform-d	7.65	84	1754156	88.60	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	1026947	92.30	ug/L	0.00
29) Benzene-d6	8.27	84	3513405	92.72	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	1170466	92.22	ug/L	0.00
37) Toluene-d8	10.32	98	3179618	100.61	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	493691	104.80	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	459906	269.80	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	850003	102.40	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	873948	95.85	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	490608	93.497 ug/L	97
3) Chloromethane	2.21	50	812475	69.996 ug/L	100
5) Vinyl chloride	2.37	62	1132988	74.917 ug/L	99
6) Bromomethane	2.78	94	640978	91.053 ug/L	99
8) Chloroethane	2.92	64	700802	83.298 ug/L	98
9) Trichlorofluoromethane	3.26	101	689924	97.823 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	885872	91.007 ug/L	99
12) 1,1-Dichloroethene	4.04	96	883258	95.622 ug/L	97
13) Acetone	4.12	43	436107	153.765 ug/L	99
14) Carbon disulfide	4.38	76	3209632	92.057 ug/L	100
15) Methyl Acetate	4.67	43	522910	101.327 ug/L	98
16) Methylene chloride	4.92	84	911026	79.598 ug/L	99
17) Methyl tert-butyl Ether	5.42	73	1242650	109.109 ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	922121	96.257 ug/L	99
19) 1,1-Dichloroethane	6.21	63	1918806	90.250 ug/L	97
21) 2-Butanone	7.16	43	709861	204.064 ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	947235	97.736 ug/L	98
23) Bromochloromethane	7.51	128	367211	96.330 ug/L	97
25) Chloroform	7.67	83	1706351	88.242 ug/L	100
27) 1,2-Dichloroethane	8.40	62	1254729	94.006 ug/L	100
30) Cyclohexane	7.96	56	2022489	107.004 ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	1388018	94.045 ug/L	99
32) Carbon tetrachloride	8.07	117	1219238	92.658 ug/L	99
34) Benzene	8.32	78	3990778	94.547 ug/L	100
35) Trichloroethene	9.09	95	974136	94.670 ug/L	98
36) Methylcyclohexane	9.34	83	1866103	106.419 ug/L	99
40) 1,2-Dichloropropane	9.37	63	1086584	92.724 ug/L	99
41) Bromodichloromethane	9.65	83	1268703	95.942 ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	1633317	107.038 ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	1546936	235.015 ug/L	99

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44) Toluene	10.38	91	4178296	101.688	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	1418194	112.893	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	666726	99.827	ug/L	99
47) Tetrachloroethene	10.86	164	634520	95.956	ug/L	96
49) 2-Hexanone	10.97	43	1095882	233.148	ug/L	99
50) Dibromochloromethane	11.13	129	716029	101.413	ug/L	98
51) 1,2-Dibromoethane	11.23	107	610086	104.693	ug/L	100
52) Chlorobenzene	11.66	112	2352139	97.076	ug/L	98
53) Ethylbenzene	11.73	91	4683232	104.072	ug/L	99
54) m,p-Xylene	11.83	106	1679889	106.875	ug/L	99
55) o-xylene	12.16	106	1608111	109.425	ug/L	98
56) Styrene	12.18	104	2782574	110.842	ug/L	94
57) Isopropylbenzene	12.46	105	4476739	111.786	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	862327	102.208	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	651235	100.663	ug/L	99
62) Bromoform	12.35	173	373846	103.061	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	1643754	98.713	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	1623382	94.385	ug/L	98
65) 1,2-Dichlorobenzene	13.86	146	1483555	98.006	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.48	75	146468	108.577	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	1101514	99.838	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	930979	114.256	ug/L	99
69) Naphthalene	15.36	128	2143176	232.838	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	850338	115.915	ug/L	99

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

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