

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120519\
 Data File : VW014212.D
 Acq On : 05 Dec 2019 13:14
 Operator : SY/VA
 Sample : VSTD02503
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02503

Quant Time: Dec 05 14:14:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 05 12:00:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1250576	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1140848	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	559407	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	505404	25.33	ug/L	0.00
7) Chloroethane-d5	2.89	69	389905	24.10	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	907545	22.16	ug/L	0.00
20) 2-Butanone-d5	7.07	46	259413	44.75	ug/L	0.00
24) Chloroform-d	7.65	84	908854	23.64	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	463806	23.99	ug/L	0.00
29) Benzene-d6	8.27	84	1897678	23.44	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	585989	24.71	ug/L	0.00
37) Toluene-d8	10.32	98	1755227	22.87	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	241797	23.81	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	222207	49.42	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	456303	25.48	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	602604	26.81	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	316286	21.266	ug/L 98
3) Chloromethane	2.21	50	275352	20.844	ug/L 98
5) Vinyl chloride	2.37	62	473959	22.978	ug/L 93
6) Bromomethane	2.78	94	294464	23.058	ug/L 99
8) Chloroethane	2.92	64	275221	22.432	ug/L 97
9) Trichlorofluoromethane	3.26	101	243356	17.302	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	449612	21.649	ug/L 95
12) 1,1-Dichloroethene	4.04	96	454284	21.519	ug/L 92
13) Acetone	4.12	43	159953	27.118	ug/L 99
14) Carbon disulfide	4.39	76	1394644	23.211	ug/L 100
15) Methyl Acetate	4.66	43	223346	23.403	ug/L 99
16) Methylene chloride	4.92	84	488728	20.300	ug/L 99
17) Methyl tert-butyl Ether	5.42	73	581855	21.364	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	477031	21.669	ug/L 94
19) 1,1-Dichloroethane	6.21	63	862187	23.251	ug/L 99
21) 2-Butanone	7.17	43	286249	37.774	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	510815	22.050	ug/L 97
23) Bromochloromethane	7.51	128	229492	22.567	ug/L 85
25) Chloroform	7.67	83	836270	22.965	ug/L 99
27) 1,2-Dichloroethane	8.40	62	527657	23.933	ug/L 98
30) Cyclohexane	7.95	56	805123	22.052	ug/L 100
31) 1,1,1-Trichloroethane	7.87	97	625446	21.876	ug/L 98
32) Carbon tetrachloride	8.07	117	584428	21.294	ug/L 99
34) Benzene	8.32	78	1956961	23.386	ug/L 100
35) Trichloroethene	9.09	95	492879	22.080	ug/L 96
36) Methylcyclohexane	9.34	83	881011	22.012	ug/L 98
40) 1,2-Dichloropropane	9.37	63	493556	24.501	ug/L 99
41) Bromodichloromethane	9.64	83	597013	24.515	ug/L 97
42) cis-1,3-Dichloropropene	10.07	75	755671	23.771	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	624162	46.928	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	2087176	22.877	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	601233	23.916	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	360753	24.373	ug/L	98
47) Tetrachloroethene	10.86	164	419649	21.092	ug/L	97
49) 2-Hexanone	10.96	43	422973	44.110	ug/L	97
50) Dibromochloromethane	11.13	129	410169	23.576	ug/L	99
51) 1,2-Dibromoethane	11.23	107	337968	23.534	ug/L #	98
52) Chlorobenzene	11.65	112	1300969	22.746	ug/L	93
53) Ethylbenzene	11.73	91	2293463	22.908	ug/L	98
54) m,p-Xylene	11.84	106	884002	22.720	ug/L	99
55) o-xylene	12.16	106	849670	23.320	ug/L	96
56) Styrene	12.18	104	1460938	23.736	ug/L	99
57) Isopropylbenzene	12.46	105	2212128	22.082	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	442650	25.616	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	323789	24.914	ug/L	98
62) Bromoform	12.35	173	240568	26.241	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	1017804	25.912	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	1022749	26.354	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	948815	27.279	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	64392	27.184	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	755002	25.222	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	613460	26.063	ug/L	100
69) Naphthalene	15.36	128	1138406	27.224	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	575415	27.701	ug/L	98

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

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