

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112420\
 Data File : VW017467.D
 Acq On : 24 Nov 2020 12:15
 Operator : SY/VA
 Sample : VSTD10004
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10004

Quant Time: Nov 24 12:46:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 24 11:21:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	441310	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	401877	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	208267	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	608462	92.00	ug/L	0.00
7) Chloroethane-d5	2.89	69	459703	90.79	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	1281617	115.81	ug/L	0.00
20) 2-Butanone-d5	7.08	46	249354	218.47	ug/L	0.00
24) Chloroform-d	7.65	84	1203491	107.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	586266	103.28	ug/L	0.00
29) Benzene-d6	8.27	84	2376195	104.75	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	656824	98.89	ug/L	0.00
37) Toluene-d8	10.33	98	2198662	93.67	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	313882	102.08	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	191591	178.24	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	470904	87.17	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	742308	93.65	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	418606	99.983	ug/L 97
3) Chloromethane	2.22	50	446041	99.356	ug/L 98
5) Vinyl chloride	2.37	62	565364	91.316	ug/L 99
6) Bromomethane	2.78	94	367607	79.928	ug/L 99
8) Chloroethane	2.93	64	345288	88.898	ug/L 98
9) Trichlorofluoromethane	3.26	101	635977	113.166	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	620739	107.715	ug/L # 68
12) 1,1-Dichloroethene	4.05	96	618400	112.629	ug/L 97
13) Acetone	4.13	43	231989	282.664	ug/L 94
14) Carbon disulfide	4.39	76	1763730	112.396	ug/L 98
15) Methyl Acetate	4.67	43	213086	118.616	ug/L 98
16) Methylene chloride	4.92	84	566940	67.667	ug/L 98
17) Methyl tert-butyl Ether	5.43	73	651752	99.458	ug/L 98
18) trans-1,2-Dichloroethene	5.42	96	635598	108.522	ug/L 98
19) 1,1-Dichloroethane	6.22	63	1038563	114.325	ug/L 98
21) 2-Butanone	7.17	43	297764	244.894	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	656367	107.669	ug/L 99
23) Bromochloromethane	7.51	128	295416	102.565	ug/L 99
25) Chloroform	7.68	83	1091807	107.013	ug/L 99
27) 1,2-Dichloroethane	8.40	62	657286	103.809	ug/L 100
30) Cyclohexane	7.96	56	981780	127.356	ug/L 100
31) 1,1,1-Trichloroethane	7.88	97	927965	101.319	ug/L 99
32) Carbon tetrachloride	8.07	117	926100	103.016	ug/L 98
34) Benzene	8.33	78	2332088	104.165	ug/L 100
35) Trichloroethene	9.09	95	660297	96.719	ug/L 99
36) Methylcyclohexane	9.34	83	1118490	100.176	ug/L 99
40) 1,2-Dichloropropane	9.37	63	555271	98.819	ug/L 99
41) Bromodichloromethane	9.65	83	783267	99.846	ug/L 98
42) cis-1,3-Dichloropropene	10.07	75	923224	102.911	ug/L 98
43) 4-Methyl-2-pentanone	10.21	43	522678	190.558	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	2548598	93.639	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	805097	103.631	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	414441	86.155	ug/L	98
47) Tetrachloroethene	10.87	164	550319	83.998	ug/L	99
49) 2-Hexanone	10.97	43	428015	224.425	ug/L	93
50) Dibromochloromethane	11.13	129	547715	93.133	ug/L	96
51) 1,2-Dibromoethane	11.24	107	413071	93.658	ug/L	97
52) Chlorobenzene	11.66	112	1685675	95.614	ug/L	98
53) Ethylbenzene	11.73	91	2944777	99.684	ug/L	98
54) m,p-Xylene	11.84	106	1130003	97.750	ug/L	88
55) o-xylene	12.17	106	1050513	93.648	ug/L	98
56) Styrene	12.18	104	1793463	93.917	ug/L	99
57) Isopropylbenzene	12.47	105	2874224	91.994	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.71	83	457498	88.771	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	330552	89.719	ug/L	99
62) Bromoform	12.35	173	308828	97.174	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	1315173	95.850	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	1278831	92.636	ug/L	93
65) 1,2-Dichlorobenzene	13.87	146	1122977	91.243	ug/L #	85
66) 1,2-Dibromo-3-chloropropan	14.49	75	76311	105.719	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	951767	92.524	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	771054	84.573	ug/L	97
69) Naphthalene	15.36	128	1303625	92.760	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	652359	80.576	ug/L	98

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

