

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091520\
 Data File : VW016560.D
 Acq On : 15 Sep 2020 15:28
 Operator : SY/VA
 Sample : VSTD10002
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10002

Quant Time: Sep 15 15:57:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 15 15:13:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	596278	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	538258	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	270648	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	524451	85.10	ug/L	0.00
7) Chloroethane-d5	2.90	69	437138	81.41	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.04	63	1195479	85.21	ug/L	0.00
20) 2-Butanone-d5	7.09	46	294368	142.15	ug/L	0.00
24) Chloroform-d	7.66	84	1145815	86.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	588607	82.03	ug/L	0.00
29) Benzene-d6	8.28	84	2153525	83.35	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	595889	79.61	ug/L	0.00
37) Toluene-d8	10.33	98	2136711	86.37	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	317075	84.02	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	242137	162.28	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	520107	82.34	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	777230	86.58	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.03	85	723699	106.618	ug/L 98
3) Chloromethane	2.23	50	549790	96.262	ug/L 99
5) Vinyl chloride	2.38	62	739020	98.738	ug/L 100
6) Bromomethane	2.79	94	598036	106.734	ug/L 99
8) Chloroethane	2.94	64	450940	99.027	ug/L 100
9) Trichlorofluoromethane	3.28	101	805119	124.246	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.09	101	725324	99.834	ug/L 98
12) 1,1-Dichloroethene	4.06	96	722593	98.942	ug/L 96
13) Acetone	4.14	43	229610	160.699	ug/L 100
14) Carbon disulfide	4.40	76	2153055	96.655	ug/L 100
15) Methyl Acetate	4.68	43	287784	85.377	ug/L 100
16) Methylene chloride	4.93	84	696459	75.422	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	959885	88.967	ug/L 99
18) trans-1,2-Dichloroethene	5.44	96	748719	96.812	ug/L 98
19) 1,1-Dichloroethane	6.23	63	1187698	91.498	ug/L 98
21) 2-Butanone	7.18	43	359808	153.653	ug/L 96
22) cis-1,2-Dichloroethene	7.18	96	790167	98.405	ug/L 96
23) Bromochloromethane	7.52	128	383887	102.021	ug/L 98
25) Chloroform	7.68	83	1274096	93.970	ug/L 99
27) 1,2-Dichloroethane	8.41	62	837992	93.581	ug/L 100
30) Cyclohexane	7.96	56	1080472	86.596	ug/L 100
31) 1,1,1-Trichloroethane	7.88	97	1151983	98.345	ug/L 100
32) Carbon tetrachloride	8.07	117	1158752	103.792	ug/L 99
34) Benzene	8.33	78	2649131	91.916	ug/L 100
35) Trichloroethene	9.10	95	778081	96.505	ug/L 99
36) Methylcyclohexane	9.34	83	1309811	93.253	ug/L 100
40) 1,2-Dichloropropane	9.38	63	628259	89.231	ug/L 100
41) Bromodichloromethane	9.65	83	967187	97.140	ug/L 98
42) cis-1,3-Dichloropropene	10.08	75	1132759	94.304	ug/L 98
43) 4-Methyl-2-pentanone	10.21	43	827719	169.592	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	3029009	93.934	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	1004299	94.190	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	547276	96.855	ug/L	98
47) Tetrachloroethene	10.87	164	702329	105.562	ug/L	97
49) 2-Hexanone	10.97	43	566845	167.457	ug/L	98
50) Dibromochloromethane	11.13	129	758983	105.285	ug/L	98
51) 1,2-Dibromoethane	11.24	107	567098	100.445	ug/L	98
52) Chlorobenzene	11.66	112	2061696	99.507	ug/L	99
53) Ethylbenzene	11.73	91	3417271	93.810	ug/L	97
54) m,p-Xylene	11.84	106	1372003	97.877	ug/L	93
55) o-xylene	12.17	106	1321020	98.901	ug/L	100
56) Styrene	12.18	104	2231184	97.781	ug/L	99
57) Isopropylbenzene	12.47	105	3509437	95.622	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	624035	93.352	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	462754	92.652	ug/L	99
62) Bromoform	12.35	173	487875	108.210	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	1685617	98.915	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	1640531	97.517	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	1495721	99.018	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	117948	86.903	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	1217963	101.923	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	1035559	100.224	ug/L	95
69) Naphthalene	15.37	128	2043951	97.642	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	902610	101.843	ug/L	99

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

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