

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102220\
 Data File : VW016963.D
 Acq On : 22 Oct 2020 11:15
 Operator : SY/VA
 Sample : VSTD05006
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05006

Quant Time: Oct 22 12:06:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 11:56:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	516370	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	470814	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	240764	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	277920	54.16	ug/L	0.00
7) Chloroethane-d5	2.90	69	219775	51.44	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	569127	52.60	ug/L	0.00
20) 2-Butanone-d5	7.09	46	114774	101.32	ug/L	0.00
24) Chloroform-d	7.65	84	565573	51.76	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	270781	51.72	ug/L	0.00
29) Benzene-d6	8.28	84	1145861	53.40	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	316948	54.74	ug/L	0.00
37) Toluene-d8	10.33	98	1099836	54.25	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	146661	58.04	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	102623	117.43	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	250015	54.39	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	414195	54.11	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	325382	53.329	ug/L 99
3) Chloromethane	2.22	50	265869	49.814	ug/L 99
5) Vinyl chloride	2.37	62	392196	55.096	ug/L 97
6) Bromomethane	2.79	94	264479	51.046	ug/L 99
8) Chloroethane	2.93	64	227516	52.272	ug/L 100
9) Trichlorofluoromethane	3.26	101	322805	58.215	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	372293	53.244	ug/L 99
12) 1,1-Dichloroethene	4.05	96	359140	53.688	ug/L 93
13) Acetone	4.15	43	79657	93.091	ug/L 100
14) Carbon disulfide	4.39	76	1065379	55.091	ug/L 99
15) Methyl Acetate	4.68	43	108804	53.011	ug/L 99
16) Methylene chloride	4.92	84	335773	47.031	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	398798	53.519	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	369975	52.734	ug/L 99
19) 1,1-Dichloroethane	6.22	63	567863	52.612	ug/L 99
21) 2-Butanone	7.18	43	135136	93.444	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	380396	53.152	ug/L 99
23) Bromochloromethane	7.52	128	178159	53.253	ug/L 98
25) Chloroform	7.68	83	602089	51.739	ug/L 100
27) 1,2-Dichloroethane	8.40	62	351321	51.265	ug/L 100
30) Cyclohexane	7.96	56	534332	54.551	ug/L 99
31) 1,1,1-Trichloroethane	7.88	97	532100	52.768	ug/L 100
32) Carbon tetrachloride	8.07	117	516301	53.019	ug/L 98
34) Benzene	8.33	78	1353439	53.377	ug/L 100
35) Trichloroethene	9.10	95	379575	53.119	ug/L 99
36) Methylcyclohexane	9.34	83	644918	53.387	ug/L 99
40) 1,2-Dichloropropane	9.37	63	304991	53.150	ug/L 99
41) Bromodichloromethane	9.65	83	423761	52.860	ug/L 99
42) cis-1,3-Dichloropropene	10.08	75	511180	56.147	ug/L 98
43) 4-Methyl-2-pentanone	10.21	43	305852	108.018	ug/L 98

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44) Toluene	10.39	91	1475070	52.422	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	432559	56.655	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	247109	53.290	ug/L	98
47) Tetrachloroethene	10.87	164	344204	51.905	ug/L	89
49) 2-Hexanone	10.97	43	204134	109.842	ug/L	99
50) Dibromochloromethane	11.13	129	314896	54.917	ug/L	98
51) 1,2-Dibromoethane	11.24	107	242040	53.613	ug/L	99
52) Chlorobenzene	11.66	112	979957	52.108	ug/L	97
53) Ethylbenzene	11.73	91	1688141	53.389	ug/L	99
54) m,p-Xylene	11.84	106	669930	54.510	ug/L	98
55) o-xylene	12.17	106	628999	54.129	ug/L	94
56) Styrene	12.18	104	1082567	55.946	ug/L	99
57) Isopropylbenzene	12.47	105	1728113	53.910	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	273676	53.942	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	195168	53.122	ug/L	99
62) Bromoform	12.35	173	188685	55.737	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	806826	52.505	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	791188	51.356	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	724160	52.684	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	42897	52.679	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	596221	52.229	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	508310	54.709	ug/L	97
69) Naphthalene	15.37	128	894365	58.894	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	430432	54.100	ug/L	99

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

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