

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122420\
 Data File : VW017730.D
 Acq On : 24 Dec 2020 11:52
 Operator : SY/VA
 Sample : VSTD10005
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10005

Quant Time: Dec 24 12:23:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 24 12:06:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	412041	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	384766	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	204099	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	563359	101.91	ug/L	0.00
7) Chloroethane-d5	2.89	69	481103	102.61	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	1024421	85.76	ug/L	0.00
20) 2-Butanone-d5	7.07	46	188781	166.33	ug/L	0.00
24) Chloroform-d	7.65	84	1028896	88.90	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	511558	88.42	ug/L	0.00
29) Benzene-d6	8.27	84	1984098	84.64	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	546763	83.71	ug/L	0.00
37) Toluene-d8	10.32	98	1983428	92.46	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	269234	92.06	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	145942	180.91	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	424933	89.02	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	683991	91.20	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	432444	106.710	ug/L	98
3) Chloromethane	2.21	50	404943	101.951	ug/L	100
5) Vinyl chloride	2.37	62	637571	121.096	ug/L	99
6) Bromomethane	2.78	94	493305	126.403	ug/L	100
8) Chloroethane	2.93	64	410235	116.420	ug/L	99
9) Trichlorofluoromethane	3.27	101	536841	96.206	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	497319	86.647	ug/L	99
12) 1,1-Dichloroethene	4.05	96	490308	87.401	ug/L	93
13) Acetone	4.12	43	167969	150.684	ug/L	96
14) Carbon disulfide	4.39	76	1528126	94.153	ug/L	99
15) Methyl Acetate	4.67	43	162584	85.429	ug/L	100
16) Methylene chloride	4.92	84	473857	78.095	ug/L	96
17) Methyl tert-butyl Ether	5.43	73	579415	93.067	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	533006	92.049	ug/L	96
19) 1,1-Dichloroethane	6.22	63	915282	93.621	ug/L	100
21) 2-Butanone	7.17	43	227677	172.365	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	561503	92.771	ug/L	97
23) Bromochloromethane	7.52	128	242670	88.533	ug/L	97
25) Chloroform	7.68	83	945274	91.533	ug/L	99
27) 1,2-Dichloroethane	8.40	62	600027	94.233	ug/L	98
30) Cyclohexane	7.96	56	867302	94.556	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	848395	93.341	ug/L	100
32) Carbon tetrachloride	8.07	117	840961	95.803	ug/L	100
34) Benzene	8.32	78	2079230	90.959	ug/L	100
35) Trichloroethene	9.09	95	581808	91.455	ug/L	99
36) Methylcyclohexane	9.34	83	1013463	95.319	ug/L	99
40) 1,2-Dichloropropane	9.37	63	488017	90.594	ug/L	99
41) Bromodichloromethane	9.65	83	706628	94.817	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	827759	98.213	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	485755	189.060	ug/L	99

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44) Toluene	10.39	91	2494820	100.359	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	725038	99.829	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	363039	89.118	ug/L	98
47) Tetrachloroethene	10.87	164	463472	86.521	ug/L	96
49) 2-Hexanone	10.97	43	352363	189.950	ug/L	99
50) Dibromochloromethane	11.13	129	471862	93.493	ug/L	99
51) 1,2-Dibromoethane	11.24	107	359112	92.106	ug/L	93
52) Chlorobenzene	11.66	112	1543075	95.240	ug/L	98
53) Ethylbenzene	11.73	91	2852969	100.755	ug/L	96
54) m,p-Xylene	11.84	106	1157136	106.803	ug/L	91
55) o-xylene	12.16	106	1069418	106.116	ug/L	94
56) Styrene	12.18	104	1826248	107.767	ug/L	98
57) Isopropylbenzene	12.46	105	3008323	108.676	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	413094	92.970	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	298353	90.768	ug/L	99
62) Bromoform	12.35	173	286357	100.419	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	1277197	98.395	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	1236261	95.493	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	1076954	95.298	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.49	75	69134	91.931	ug/L #	78
67) 1,3,5-Trichlorobenzene	14.63	180	847296	91.474	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	701656	93.341	ug/L	99
69) Naphthalene	15.36	128	1341498	110.135	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	604010	96.973	ug/L	98

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

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