

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052620\
 Data File : VW015466.D
 Acq On : 26 May 2020 10:53
 Operator : SY/VA
 Sample : VSTD02505
 Misc : 5.00G/10.0mL/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02505

Quant Time: May 26 11:55:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 26 10:35:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	366397	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	334942	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	161989	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	84560	18.45	ug/L	0.00
7) Chloroethane-d5	2.90	69	85125	19.26	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	205820	22.08	ug/L	0.00
20) 2-Butanone-d5	7.08	46	53763	43.91	ug/L	0.00
24) Chloroform-d	7.65	84	215754	23.31	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	118077	23.02	ug/L	0.00
29) Benzene-d6	8.27	84	414498	22.62	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	126988	22.86	ug/L	0.00
37) Toluene-d8	10.32	98	406089	23.04	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	57381	22.70	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	43799	42.69	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93449	22.34	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	136507	24.03	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.02	85	81940	25.483	ug/L 99
3) Chloromethane	2.22	50	81491	23.684	ug/L 100
5) Vinyl chloride	2.37	62	133195	24.915	ug/L 97
6) Bromomethane	2.79	94	86619	23.550	ug/L 100
8) Chloroethane	2.93	64	82045	22.961	ug/L 99
9) Trichlorofluoromethane	3.27	101	94417	24.226	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	112159	25.829	ug/L 98
12) 1,1-Dichloroethene	4.04	96	108095	24.597	ug/L 90
13) Acetone	4.12	43	42233	45.548	ug/L 100
14) Carbon disulfide	4.38	76	364303	26.688	ug/L 99
15) Methyl Acetate	4.68	43	45061	22.219	ug/L 99
16) Methylene chloride	4.92	84	108790	20.732	ug/L 98
17) Methyl tert-butyl Ether	5.43	73	169588	23.736	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	117185	24.743	ug/L 98
19) 1,1-Dichloroethane	6.22	63	210091	23.553	ug/L 99
21) 2-Butanone	7.18	43	60532	43.423	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	121723	23.847	ug/L 98
23) Bromochloromethane	7.52	128	52010	24.447	ug/L 98
25) Chloroform	7.68	83	212254	24.069	ug/L 100
27) 1,2-Dichloroethane	8.40	62	142617	23.767	ug/L 99
30) Cyclohexane	7.96	56	206961	23.622	ug/L 99
31) 1,1,1-Trichloroethane	7.88	97	187869	24.993	ug/L 99
32) Carbon tetrachloride	8.07	117	172933	25.280	ug/L 99
34) Benzene	8.33	78	467167	23.840	ug/L 100
35) Trichloroethene	9.09	95	125235	23.849	ug/L 98
36) Methylcyclohexane	9.34	83	226742	24.318	ug/L 98
40) 1,2-Dichloropropane	9.37	63	114875	23.457	ug/L 99
41) Bromodichloromethane	9.65	83	154055	23.832	ug/L 99
42) cis-1,3-Dichloropropene	10.07	75	185517	23.459	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	128861	39.274	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	511210	23.870	ug/L	96
45) trans-1,3-Dichloropropene	10.61	75	160226	23.249	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	79364	23.116	ug/L	97
47) Tetrachloroethene	10.87	164	100326	25.468	ug/L	98
49) 2-Hexanone	10.97	43	89562	43.323	ug/L	98
50) Dibromochloromethane	11.13	129	98200	23.643	ug/L	98
51) 1,2-Dibromoethane	11.24	107	76927	23.480	ug/L	98
52) Chlorobenzene	11.66	112	320288	23.705	ug/L	98
53) Ethylbenzene	11.73	91	586861	23.496	ug/L	99
54) m,p-Xylene	11.84	106	220760	23.658	ug/L	98
55) o-xylene	12.17	106	212660	23.689	ug/L	97
56) Styrene	12.18	104	363233	23.698	ug/L	99
57) Isopropylbenzene	12.46	105	587242	23.681	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	91544	22.415	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	68521	22.090	ug/L	100
62) Bromoform	12.35	173	55710	23.286	ug/L	95
63) 1,3-Dichlorobenzene	13.50	146	250088	24.279	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	244233	23.817	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	219100	24.181	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	15733	21.542	ug/L #	84
67) 1,3,5-Trichlorobenzene	14.63	180	176748	24.955	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	144620	24.730	ug/L	98
69) Naphthalene	15.37	128	259844	23.677	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	123041	24.421	ug/L	100

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

