

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050420\
 Data File : VW015387.D
 Acq On : 04 May 2020 15:17
 Operator : SY/VA
 Sample : VSTD05005
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05005

Quant Time: May 04 15:51:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 04 15:24:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	346298	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	325496	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	158103	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	222394	88.20	ug/L	0.00
7) Chloroethane-d5	2.89	69	214580	73.11	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	437174	68.61	ug/L	0.00
20) 2-Butanone-d5	7.07	46	118664	153.13	ug/L	0.00
24) Chloroform-d	7.65	84	449445	59.02	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	246681	62.93	ug/L	0.00
29) Benzene-d6	8.27	84	889730	59.34	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	268428	63.98	ug/L	0.00
37) Toluene-d8	10.32	98	857865	56.06	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	122525	57.06	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	100893	131.70	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	205577	57.89	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	276490	50.32	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	153829	47.159 ug/L	100
3) Chloromethane	2.21	50	158498	59.344 ug/L	98
5) Vinyl chloride	2.37	62	251066	77.849 ug/L	99
6) Bromomethane	2.78	94	167591	55.288 ug/L	100
8) Chloroethane	2.93	64	168252	67.231 ug/L	99
9) Trichlorofluoromethane	3.26	101	180584	47.811 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	208905	52.385 ug/L	99
12) 1,1-Dichloroethene	4.03	96	204377	52.459 ug/L	94
13) Acetone	4.12	43	79426	121.692 ug/L	100
14) Carbon disulfide	4.38	76	620397	58.339 ug/L	99
15) Methyl Acetate	4.67	43	93440	71.785 ug/L	99
16) Methylene chloride	4.92	84	212838	48.261 ug/L	97
17) Methyl tert-butyl Ether	5.42	73	334695	58.094 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	225717	52.880 ug/L	99
19) 1,1-Dichloroethane	6.21	63	427196	64.258 ug/L	100
21) 2-Butanone	7.17	43	124305	125.923 ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	248013	53.807 ug/L	96
23) Bromochloromethane	7.51	128	104172	47.072 ug/L	95
25) Chloroform	7.67	83	423737	56.036 ug/L	100
27) 1,2-Dichloroethane	8.40	62	287937	60.039 ug/L	99
30) Cyclohexane	7.95	56	415024	66.600 ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	358248	51.159 ug/L	99
32) Carbon tetrachloride	8.07	117	328528	48.518 ug/L	100
34) Benzene	8.32	78	935676	56.086 ug/L	100
35) Trichloroethene	9.09	95	249005	51.881 ug/L	99
36) Methylcyclohexane	9.34	83	441460	54.562 ug/L	100
40) 1,2-Dichloropropane	9.37	63	237195	62.652 ug/L	100
41) Bromodichloromethane	9.64	83	318989	55.045 ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	388341	58.586 ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	295006	115.552 ug/L	100

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44) Toluene	10.38	91	1045648	54.007	ug/L	96
45) trans-1,3-Dichloropropene	10.60	75	342752	58.174	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	165797	51.025	ug/L	97
47) Tetrachloroethene	10.86	164	189442	41.373	ug/L	97
49) 2-Hexanone	10.97	43	203922	145.890	ug/L	99
50) Dibromochloromethane	11.13	129	206677	47.032	ug/L	95
51) 1,2-Dibromoethane	11.23	107	159759	49.314	ug/L	95
52) Chlorobenzene	11.65	112	647320	49.609	ug/L	97
53) Ethylbenzene	11.73	91	1199793	53.580	ug/L	97
54) m,p-Xylene	11.84	106	455844	51.425	ug/L	98
55) o-xylene	12.16	106	445816	52.423	ug/L	95
56) Styrene	12.18	104	772784	54.126	ug/L	98
57) Isopropylbenzene	12.46	105	1227637	53.017	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	201710	55.811	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	151709	57.558	ug/L	99
62) Bromoform	12.35	173	120236	46.275	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	509172	50.682	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	493927	49.694	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	447030	49.565	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	35788	60.648	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	353502	45.517	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	306703	48.050	ug/L	95
69) Naphthalene	15.36	128	567563	53.185	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	258853	46.962	ug/L	100

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

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