

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111219\
 Data File : VY000647.D
 Acq On : 12 Nov 2019 10:54
 Operator : SY/MD
 Sample : VSTD10082
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD10082

Quant Time: Nov 13 01:30:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 13 01:25:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	425588	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	398767	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	189420	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	555169	92.37	ug/L	0.00
7) Chloroethane-d5	2.76	69	487221	91.23	ug/L	0.00
10) 1,1-Dichloroethene-d2	3.85	63	984511	88.69	ug/L	0.00
20) 2-Butanone-d5	6.90	46	414872	167.29	ug/L	0.00
24) Chloroform-d	7.49	84	978355	87.61	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.15	65	556849	86.00	ug/L	0.00
29) Benzene-d6	8.12	84	2009368	86.78	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.13	67	631778	87.05	ug/L	0.00
37) Toluene-d8	10.18	98	1900369	87.85	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.44	79	313966	92.73	ug/L	0.00
39) 2-Hexanone-d5	10.79	63	350618	178.75	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.56	84	617114	87.41	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.72	152	629251	83.06	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.90	85	461895	82.129 ug/L	100
3) Chloromethane	2.12	50	624420	88.570 ug/L	95
5) Vinyl chloride	2.25	62	623999	88.686 ug/L	99
6) Bromomethane	2.65	94	353917	92.114 ug/L	95
8) Chloroethane	2.79	64	390938	88.609 ug/L	99
9) Trichlorofluoromethane	3.13	101	866880	86.988 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	3.90	101	507600	89.798 ug/L	98
12) 1,1-Dichloroethene	3.88	96	486048	88.092 ug/L	87
13) Acetone	3.96	43	254603	138.571 ug/L	99
14) Carbon disulfide	4.19	76	1596632	93.781 ug/L	100
15) Methyl Acetate	4.48	43	336869	81.039 ug/L	99
16) Methylene chloride	4.72	84	550011	78.289 ug/L	99
17) Methyl tert-butyl Ether	5.23	73	1493631	88.972 ug/L	99
18) trans-1,2-Dichloroethene	5.23	96	548735	89.050 ug/L	96
19) 1,1-Dichloroethane	6.03	63	988425	91.144 ug/L	96
21) 2-Butanone	7.00	43	478451	149.673 ug/L	98
22) cis-1,2-Dichloroethene	7.00	96	620045	90.972 ug/L	98
23) Bromochloromethane	7.35	128	262814	88.306 ug/L	91
25) Chloroform	7.52	83	992488	84.914 ug/L	99
27) 1,2-Dichloroethane	8.25	62	684323	87.581 ug/L	100
30) Cyclohexane	7.79	56	988837	90.873 ug/L	99
31) 1,1,1-Trichloroethane	7.71	97	864384	87.988 ug/L	100
32) Carbon tetrachloride	7.91	117	769538	89.871 ug/L	100
34) Benzene	8.17	78	2308610	88.551 ug/L	100
35) Trichloroethene	8.94	95	593608	86.835 ug/L	100
36) Methylcyclohexane	9.19	83	1050136	89.753 ug/L	98
40) 1,2-Dichloropropane	9.22	63	584578	88.480 ug/L	100
41) Bromodichloromethane	9.50	83	767741	90.311 ug/L	99
42) cis-1,3-Dichloropropene	9.93	75	979112	91.992 ug/L	99
43) 4-Methyl-2-pentanone	10.08	43	1049468	166.085 ug/L	98

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44) Toluene	10.25	91	2549455	90.460	ug/L	97
45) trans-1,3-Dichloropropene	10.47	75	838268	91.675	ug/L	97
46) 1,1,2-Trichloroethane	10.65	97	465922	85.974	ug/L	97
47) Tetrachloroethene	10.72	164	443618	86.908	ug/L	97
49) 2-Hexanone	10.83	43	787407	159.993	ug/L	99
50) Dibromochloromethane	10.99	129	549457	89.737	ug/L	94
51) 1,2-Dibromoethane	11.09	107	457320	86.717	ug/L	99
52) Chlorobenzene	11.52	112	1579476	88.309	ug/L	100
53) Ethylbenzene	11.60	91	2913115	91.364	ug/L	97
54) m,p-Xylene	11.70	106	1120601	92.870	ug/L	99
55) o-xylene	12.03	106	1082950	91.437	ug/L	99
56) Styrene	12.05	104	1912091	97.168	ug/L	96
57) Isopropylbenzene	12.33	105	2853464	92.603	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.58	83	598875	88.570	ug/L	99
59) 1,2,3-Trichloropropane	12.63	75	463939	84.379	ug/L	98
62) Bromoform	12.20	173	347112	96.484	ug/L	99
63) 1,3-Dichlorobenzene	13.36	146	1185079	87.716	ug/L	100
64) 1,4-Dichlorobenzene	13.44	146	1189193	88.054	ug/L	99
65) 1,2-Dichlorobenzene	13.74	146	1081647	86.443	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.36	75	97976	82.409	ug/L	86
67) 1,3,5-Trichlorobenzene	14.50	180	786126	83.458	ug/L	99
68) 1,2,4-trichlorobenzene	15.00	180	690538	82.031	ug/L	98
69) Naphthalene	15.23	128	1742998	83.084	ug/L	99
70) 1,2,3-Trichlorobenzene	15.42	180	635483	81.186	ug/L	100

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

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