

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080319\
 Data File : VV012101.D
 Acq On : 03 Aug 2019 10:32
 Operator : SY/MD
 Sample : VSTD02563
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02563

Quant Time: Aug 05 07:48:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM080319S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 05 07:43:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	182959	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	173671	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	98111	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41563	17.79	ug/L	0.00
7) Chloroethane-d5	1.58	69	31363	17.65	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	82724	17.48	ug/L	0.00
20) 2-Butanone-d5	3.95	46	48710	54.09	ug/L	0.00
24) Chloroform-d	4.40	84	115973	25.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	71254	24.68	ug/L	0.00
29) Benzene-d6	5.10	84	218072	23.65	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	61176	21.23	ug/L	0.00
37) Toluene-d8	7.36	98	218055	24.72	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	36752	26.69	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	38499	55.34	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	68737	25.72	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	93146	25.49	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	78277	26.483	ug/L 100
3) Chloromethane	1.25	50	44847	16.979	ug/L 100
5) Vinyl chloride	1.32	62	46247	17.484	ug/L 100
6) Bromomethane	1.54	94	29354	20.005	ug/L 100
8) Chloroethane	1.60	64	26309	17.257	ug/L 100
9) Trichlorofluoromethane	1.77	101	87886	22.178	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	42563	20.158	ug/L 100
12) 1,1-Dichloroethene	2.14	96	37447	19.332	ug/L 100
13) Acetone	2.22	43	61259	57.557	ug/L 100
14) Carbon disulfide	2.32	76	160458	24.592	ug/L 100
15) Methyl Acetate	2.47	43	33635	21.993	ug/L 100
16) Methylene chloride	2.53	84	59269	21.812	ug/L 100
17) Methyl tert-butyl Ether	2.80	73	161526	23.223	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	60411	24.423	ug/L 100
19) 1,1-Dichloroethane	3.23	63	97554	21.043	ug/L 100
21) 2-Butanone	4.03	43	60837	50.203	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	65225	23.818	ug/L 100
23) Bromochloromethane	4.30	128	33039	26.698	ug/L 100
25) Chloroform	4.42	83	112128	22.354	ug/L 100
27) 1,2-Dichloroethane	5.18	62	85928	24.162	ug/L 100
30) Cyclohexane	4.72	56	86305	19.681	ug/L 100
31) 1,1,1-Trichloroethane	4.66	97	109250	27.168	ug/L 100
32) Carbon tetrachloride	4.87	117	102852	29.434	ug/L 100
34) Benzene	5.14	78	227861	22.885	ug/L 100
35) Trichloroethene	5.96	95	66755	24.985	ug/L 100
36) Methylcyclohexane	6.17	83	105999	23.660	ug/L 100
40) 1,2-Dichloropropane	6.22	63	51858	20.148	ug/L 100
41) Bromodichloromethane	6.55	83	84458	24.380	ug/L 100
42) cis-1,3-Dichloropropene	7.07	75	99082	23.742	ug/L 100
43) 4-Methyl-2-pentanone	7.27	43	102183	43.474	ug/L 100

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44) Toluene	7.43	91	262457	23.911	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	85404	23.906	ug/L	100
46) 1,1,2-Trichloroethane	7.88	97	51762	24.883	ug/L	100
47) Tetrachloroethene	8.02	164	61165	29.372	ug/L	100
49) 2-Hexanone	8.18	43	85868	49.692	ug/L	100
50) Dibromochloromethane	8.29	129	70443	28.841	ug/L	100
51) 1,2-Dibromoethane	8.40	107	55514	26.943	ug/L	100
52) Chlorobenzene	8.92	112	174738	24.577	ug/L	100
53) Ethylbenzene	9.05	91	298640	23.750	ug/L	100
54) m,p-Xylene	9.18	106	117349	24.790	ug/L	100
55) o-xylene	9.59	106	112327	24.262	ug/L	100
56) Styrene	9.60	104	193774	24.904	ug/L	100
57) Isopropylbenzene	9.97	105	308118	24.813	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	67896	24.179	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	54547	25.501	ug/L	100
62) Bromoform	9.77	173	51867	32.107	ug/L	100
63) 1,3-Dichlorobenzene	11.23	146	158593	25.132	ug/L	100
64) 1,4-Dichlorobenzene	11.32	146	158221	24.758	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	147771	24.871	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	17447	28.949	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	132527	27.468	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	116582	29.621	ug/L	100
69) Naphthalene	13.55	128	232737	29.332	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	109331	29.826	ug/L	100

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

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