

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022619\
 Data File : VV009363.D
 Acq On : 26 Feb 2019 11:27
 Operator : SY/MD
 Sample : VSTD05084
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05084

Quant Time: Feb 26 12:06:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 26 11:56:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	184528	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	179032	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	87369	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101227	41.23	ug/L	0.00
7) Chloroethane-d5	1.57	69	125790	43.31	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	283329	46.94	ug/L	0.00
20) 2-Butanone-d5	3.94	46	78435	91.29	ug/L	0.00
24) Chloroform-d	4.40	84	212609	49.61	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	129393	55.69	ug/L	0.00
29) Benzene-d6	5.10	84	455308	50.71	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	135795	51.39	ug/L	0.00
37) Toluene-d8	7.36	98	453467	53.06	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	70619	52.04	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	67294	91.56	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	147809	51.16	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	165709	51.64	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	112344	52.161	ug/L 97
3) Chloromethane	1.25	50	117799	44.767	ug/L 99
5) Vinyl chloride	1.32	62	130745	43.816	ug/L 96
6) Bromomethane	1.53	94	126825	45.671	ug/L 99
8) Chloroethane	1.59	64	93722	37.210	ug/L 98
9) Trichlorofluoromethane	1.76	101	269626	47.995	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	148030	46.077	ug/L 97
12) 1,1-Dichloroethene	2.14	96	126115	46.582	ug/L 97
13) Acetone	2.20	43	90970	108.314	ug/L 99
14) Carbon disulfide	2.32	76	343786	47.454	ug/L 99
15) Methyl Acetate	2.46	43	63491	51.844	ug/L 95
16) Methylene chloride	2.54	84	110177	39.471	ug/L 95
17) Methyl tert-butyl Ether	2.81	73	292937	48.847	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	113762	46.643	ug/L 93
19) 1,1-Dichloroethane	3.23	63	200094	49.392	ug/L 98
21) 2-Butanone	4.02	43	123326	128.174	ug/L 95
22) cis-1,2-Dichloroethene	3.96	96	126467	47.466	ug/L 97
23) Bromochloromethane	4.30	128	57617	47.253	ug/L 92
25) Chloroform	4.43	83	214747	49.816	ug/L 97
27) 1,2-Dichloroethane	5.18	62	165862	56.820	ug/L # 94
30) Cyclohexane	4.73	56	205884	49.610	ug/L 96
31) 1,1,1-Trichloroethane	4.66	97	200246	49.527	ug/L 99
32) Carbon tetrachloride	4.87	117	177292	51.890	ug/L 99
34) Benzene	5.15	78	499625	51.038	ug/L 100
35) Trichloroethene	5.96	95	137005	50.316	ug/L 97
36) Methylcyclohexane	6.18	83	236124	49.578	ug/L 98
40) 1,2-Dichloropropane	6.22	63	123763	52.090	ug/L 98
41) Bromodichloromethane	6.56	83	180943	53.474	ug/L 98
42) cis-1,3-Dichloropropene	7.07	75	207577	51.481	ug/L 97
43) 4-Methyl-2-pentanone	7.28	43	193660	97.099	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	576574	53.105	ug/L	98
45) trans-1,3-Dichloropropene	7.69	75	192061	54.396	ug/L	99
46) 1,1,2-Trichloroethane	7.88	97	108474	51.270	ug/L	98
47) Tetrachloroethene	8.02	164	107167	50.359	ug/L	95
49) 2-Hexanone	8.19	43	174851	113.993	ug/L	98
50) Dibromochloromethane	8.29	129	140910	55.235	ug/L	97
51) 1,2-Dibromoethane	8.40	107	111599	52.590	ug/L	96
52) Chlorobenzene	8.93	112	378847	53.588	ug/L	100
53) Ethylbenzene	9.06	91	650697	53.050	ug/L	98
54) m,p-Xylene	9.18	106	261095	54.554	ug/L	98
55) o-xylene	9.59	106	249890	55.627	ug/L	99
56) Styrene	9.60	104	426002	55.260	ug/L	98
57) Isopropylbenzene	9.98	105	676546	54.402	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	151617	50.782	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	111086	51.922	ug/L	99
62) Bromoform	9.78	173	89948	55.686	ug/L	99
63) 1,3-Dichlorobenzene	11.23	146	289472	51.577	ug/L	96
64) 1,4-Dichlorobenzene	11.32	146	291003	52.016	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	271535	51.599	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	31298	53.553	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	206426	50.830	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	173978	52.504	ug/L	99
69) Naphthalene	13.55	128	401799	56.572	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	161922	52.949	ug/L	96

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

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