

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050219\
 Data File : VV010627.D
 Acq On : 02 May 2019 12:50
 Operator : SY/MD
 Sample : VSTD05063
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05063

Quant Time: May 02 13:13:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 12:45:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	155735	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	162230	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	83380	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	92477	43.10	ug/L	0.00
7) Chloroethane-d5	1.57	69	63901	38.29	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	166394	41.54	ug/L	0.00
20) 2-Butanone-d5	3.93	46	71035	141.59	ug/L	0.00
24) Chloroform-d	4.40	84	208085	54.67	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	121521	52.05	ug/L	0.00
29) Benzene-d6	5.10	84	427466	57.07	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	130285	58.97	ug/L	0.00
37) Toluene-d8	7.36	98	429585	55.68	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	60463	55.57	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	53312	121.47	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	126385	58.71	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	166096	52.41	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	114049	48.014	ug/L	100
3) Chloromethane	1.25	50	102752	52.138	ug/L	100
5) Vinyl chloride	1.32	62	92478	39.714	ug/L	97
6) Bromomethane	1.51	94	47077	38.782	ug/L	100
8) Chloroethane	1.59	64	48461	37.016	ug/L	100
9) Trichlorofluoromethane	1.76	101	165669	41.646	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	83514	37.496	ug/L	97
12) 1,1-Dichloroethene	2.14	96	72792	37.119	ug/L	96
13) Acetone	2.19	43	44024	81.870	ug/L	97
14) Carbon disulfide	2.31	76	237336	54.155	ug/L	100
15) Methyl Acetate	2.46	43	55029	68.753	ug/L	98
16) Methylene chloride	2.53	84	103071	45.130	ug/L	98
17) Methyl tert-butyl Ether	2.80	73	253451	54.520	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	95893	55.286	ug/L	98
19) 1,1-Dichloroethane	3.23	63	177148	57.152	ug/L	99
21) 2-Butanone	4.01	43	75284	131.362	ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	110229	56.372	ug/L	98
23) Bromochloromethane	4.30	128	52034	55.158	ug/L	99
25) Chloroform	4.42	83	197935	53.148	ug/L	99
27) 1,2-Dichloroethane	5.18	62	132850	50.856	ug/L	98
30) Cyclohexane	4.72	56	146672	51.031	ug/L	99
31) 1,1,1-Trichloroethane	4.66	97	161259	46.508	ug/L	99
32) Carbon tetrachloride	4.87	117	146197	44.485	ug/L	99
34) Benzene	5.15	78	397050	55.369	ug/L	100
35) Trichloroethene	5.96	95	109197	50.213	ug/L	99
36) Methylcyclohexane	6.18	83	161773	49.795	ug/L	97
40) 1,2-Dichloropropane	6.22	63	105191	59.605	ug/L	100
41) Bromodichloromethane	6.55	83	143719	52.798	ug/L	98
42) cis-1,3-Dichloropropene	7.07	75	169735	58.242	ug/L	99
43) 4-Methyl-2-pentanone	7.27	43	160486	122.451	ug/L	98

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44) Toluene	7.43	91	461010	53.199	ug/L	98
45) trans-1,3-Dichloropropene	7.69	75	144855	54.438	ug/L	99
46) 1,1,2-Trichloroethane	7.88	97	91916	58.071	ug/L	98
47) Tetrachloroethene	8.02	164	86292	44.705	ug/L	99
49) 2-Hexanone	8.18	43	127928	137.487	ug/L	97
50) Dibromochloromethane	8.29	129	112248	52.606	ug/L	99
51) 1,2-Dibromoethane	8.40	107	88985	53.581	ug/L	94
52) Chlorobenzene	8.93	112	312065	51.366	ug/L	99
53) Ethylbenzene	9.06	91	520967	51.418	ug/L	100
54) m,p-Xylene	9.18	106	207963	52.358	ug/L	96
55) o-xylene	9.59	106	202822	51.264	ug/L	98
56) Styrene	9.60	104	352154	53.948	ug/L	100
57) Isopropylbenzene	9.98	105	528152	49.411	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	115410	56.284	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	87656	57.698	ug/L	100
62) Bromoform	9.77	173	65979	52.836	ug/L	99
63) 1,3-Dichlorobenzene	11.23	146	252792	51.843	ug/L	99
64) 1,4-Dichlorobenzene	11.32	146	259694	52.023	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	249320	52.615	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	19348	61.607	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	191566	49.162	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	159781	54.358	ug/L	99
69) Naphthalene	13.55	128	344278	72.873	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	155047	56.988	ug/L	97

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

