

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050219\
 Data File : VV010626.D
 Acq On : 02 May 2019 12:23
 Operator : SY/MD
 Sample : VSTD02562
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02562

Quant Time: May 02 12:43:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 10:30:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	159115	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	162537	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80161	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47437	21.64	ug/L	0.00
7) Chloroethane-d5	1.57	69	35388	20.75	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	85790	20.96	ug/L	0.00
20) 2-Butanone-d5	3.93	46	32550	63.50	ug/L	0.00
24) Chloroform-d	4.40	84	106334	27.35	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	62666	26.27	ug/L	0.00
29) Benzene-d6	5.10	84	224029	29.85	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	68374	30.89	ug/L	0.00
37) Toluene-d8	7.36	98	221148	28.61	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	29486	27.05	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	24711	56.20	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	60005	27.82	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	84299	27.67	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	51745	21.322	ug/L 100
3) Chloromethane	1.25	50	47104	23.393	ug/L 97
5) Vinyl chloride	1.32	62	43053	18.096	ug/L 100
6) Bromomethane	1.52	94	26849	21.648	ug/L 99
8) Chloroethane	1.59	64	24319	18.181	ug/L 100
9) Trichlorofluoromethane	1.76	101	76967	18.937	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	38948	17.115	ug/L 96
12) 1,1-Dichloroethene	2.14	96	34438	17.188	ug/L 92
13) Acetone	2.19	43	20469	37.257	ug/L 93
14) Carbon disulfide	2.31	76	110923	24.772	ug/L 99
15) Methyl Acetate	2.46	43	22947	28.061	ug/L 99
16) Methylene chloride	2.53	84	48655	20.851	ug/L 97
17) Methyl tert-butyl Ether	2.80	73	108622	22.869	ug/L 96
18) trans-1,2-Dichloroethene	2.79	96	44004	24.831	ug/L 97
19) 1,1-Dichloroethane	3.23	63	83078	26.234	ug/L 100
21) 2-Butanone	4.02	43	29669	50.669	ug/L 92
22) cis-1,2-Dichloroethene	3.96	96	49413	24.733	ug/L 97
23) Bromochloromethane	4.30	128	23658	24.545	ug/L 89
25) Chloroform	4.42	83	94765	24.905	ug/L 99
27) 1,2-Dichloroethane	5.18	62	59777	22.397	ug/L 99
30) Cyclohexane	4.72	56	65282	22.670	ug/L 97
31) 1,1,1-Trichloroethane	4.66	97	75270	21.667	ug/L 99
32) Carbon tetrachloride	4.87	117	66490	20.193	ug/L 100
34) Benzene	5.14	78	180025	25.057	ug/L 100
35) Trichloroethene	5.96	95	50349	23.109	ug/L 99
36) Methylcyclohexane	6.17	83	71514	21.971	ug/L 98
40) 1,2-Dichloropropane	6.22	63	46862	26.504	ug/L 99
41) Bromodichloromethane	6.55	83	63950	23.449	ug/L 99
42) cis-1,3-Dichloropropene	7.07	75	67895	23.253	ug/L 97
43) 4-Methyl-2-pentanone	7.27	43	66586	50.709	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	203662	23.458	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	61342	23.009	ug/L	97
46) 1,1,2-Trichloroethane	7.88	97	38922	24.544	ug/L	98
47) Tetrachloroethene	8.02	164	38056	19.678	ug/L	99
49) 2-Hexanone	8.18	43	47108	50.532	ug/L	93
50) Dibromochloromethane	8.29	129	48931	22.889	ug/L	98
51) 1,2-Dibromoethane	8.40	107	37685	22.649	ug/L	94
52) Chlorobenzene	8.93	112	140827	23.136	ug/L	98
53) Ethylbenzene	9.05	91	229690	22.627	ug/L	99
54) m,p-Xylene	9.18	106	90431	22.725	ug/L	98
55) o-xylene	9.59	106	87508	22.076	ug/L	99
56) Styrene	9.60	104	151615	23.183	ug/L	94
57) Isopropylbenzene	9.97	105	230843	21.556	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	48860	23.783	ug/L	95
59) 1,2,3-Trichloropropane	10.32	75	36804	24.180	ug/L	99
62) Bromoform	9.77	173	26578	22.138	ug/L #	97
63) 1,3-Dichlorobenzene	11.23	146	108347	23.112	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	112894	23.524	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	110802	24.322	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	7658	25.363	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	82410	21.998	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	64599	22.859	ug/L	99
69) Naphthalene	13.55	128	123949	27.290	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	60632	23.180	ug/L	96

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

