

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092319\
 Data File : VV012930.D
 Acq On : 23 Sep 2019 11:00
 Operator : SY/MD
 Sample : VSTD02563
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02563

Quant Time: Sep 23 11:22:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 23 11:20:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	722859	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	721689	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	390255	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	283416	27.69	ug/L	0.00
7) Chloroethane-d5	1.58	69	230224	27.32	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	471978	27.50	ug/L	0.00
20) 2-Butanone-d5	3.95	46	218605	62.68	ug/L	0.00
24) Chloroform-d	4.40	84	484516	28.20	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	283235	29.41	ug/L	0.00
29) Benzene-d6	5.10	84	1006875	27.41	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	306167	27.30	ug/L	0.00
37) Toluene-d8	7.36	98	948802	28.45	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	134116	28.73	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	140855	65.74	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	305470	29.56	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	363925	27.09	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	248656	31.078	ug/L 100
3) Chloromethane	1.25	50	297049	28.446	ug/L 100
5) Vinyl chloride	1.32	62	296654	28.576	ug/L 100
6) Bromomethane	1.54	94	180035	28.464	ug/L 100
8) Chloroethane	1.60	64	183303	28.216	ug/L 100
9) Trichlorofluoromethane	1.77	101	389170	28.271	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	242572	27.975	ug/L 100
12) 1,1-Dichloroethene	2.14	96	224762	27.470	ug/L 100
13) Acetone	2.22	43	253417	56.298	ug/L 100
14) Carbon disulfide	2.32	76	730180	28.039	ug/L 100
15) Methyl Acetate	2.47	43	191029	31.853	ug/L 100
16) Methylene chloride	2.53	84	279730	17.058	ug/L 100
17) Methyl tert-butyl Ether	2.80	73	657483	29.445	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	260508	27.297	ug/L 100
19) 1,1-Dichloroethane	3.23	63	476052	27.687	ug/L 100
21) 2-Butanone	4.04	43	292100	56.661	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	284431	28.144	ug/L 100
23) Bromochloromethane	4.30	128	140258	29.472	ug/L 100
25) Chloroform	4.42	83	488446	28.129	ug/L 100
27) 1,2-Dichloroethane	5.18	62	354619	29.285	ug/L 100
30) Cyclohexane	4.72	56	436959	26.074	ug/L 100
31) 1,1,1-Trichloroethane	4.66	97	386164	26.366	ug/L 100
32) Carbon tetrachloride	4.87	117	348717	26.622	ug/L 100
34) Benzene	5.14	78	1104910	27.119	ug/L 100
35) Trichloroethene	5.96	95	299517	27.031	ug/L 100
36) Methylcyclohexane	6.18	83	485284	26.889	ug/L 100
40) 1,2-Dichloropropane	6.22	63	284012	27.941	ug/L 100
41) Bromodichloromethane	6.55	83	357355	27.782	ug/L 100
42) cis-1,3-Dichloropropene	7.07	75	424919	28.090	ug/L 100
43) 4-Methyl-2-pentanone	7.27	43	513318	61.840	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	1198457	27.825	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	353882	28.424	ug/L	100
46) 1,1,2-Trichloroethane	7.88	97	240605	28.772	ug/L	100
47) Tetrachloroethene	8.02	164	243919	26.967	ug/L	100
49) 2-Hexanone	8.19	43	406280	60.213	ug/L	100
50) Dibromochloromethane	8.29	129	276292	29.136	ug/L	100
51) 1,2-Dibromoethane	8.39	107	240815	29.219	ug/L	100
52) Chlorobenzene	8.92	112	777591	26.978	ug/L	100
53) Ethylbenzene	9.05	91	1300711	27.222	ug/L	100
54) m,p-Xylene	9.18	106	503595	27.868	ug/L	100
55) o-xylene	9.59	106	476783	27.999	ug/L	100
56) Styrene	9.60	104	853569	28.921	ug/L	100
57) Isopropylbenzene	9.97	105	1268241	27.895	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	304455	28.777	ug/L	100
59) 1,2,3-Trichloropropane	10.31	75	254835	29.859	ug/L	100
62) Bromoform	9.77	173	179363	29.108	ug/L	100
63) 1,3-Dichlorobenzene	11.22	146	644107	26.979	ug/L	100
64) 1,4-Dichlorobenzene	11.31	146	656737	26.482	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	615849	27.443	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	57919	29.968	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	498868	26.332	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	433869	26.401	ug/L	100
69) Naphthalene	13.55	128	957198	28.776	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	428415	26.811	ug/L	100

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

