

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022619\
 Data File : VV009364.D
 Acq On : 26 Feb 2019 11:53
 Operator : SY/MD
 Sample : VSTD10085
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10085

Quant Time: Feb 26 12:15:44 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	5.66	114	239443	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	233430	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	116274	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	247748	77.77	ug/L	0.00
7) Chloroethane-d5	1.57	69	289409	76.80	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	653445	83.43	ug/L	0.00
20) 2-Butanone-d5	3.94	46	154233	138.34	ug/L	0.00
24) Chloroform-d	4.40	84	552771	99.41	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	309337	102.60	ug/L	0.00
29) Benzene-d6	5.10	84	1105347	94.42	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	329911	95.75	ug/L	0.00
37) Toluene-d8	7.36	98	1120744	100.58	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	177454	100.29	ug/L	0.00
39) 2-Hexanone-d5	8.14	63	132377	138.13	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	322961	85.73	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	393486	92.14	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	257825	92.252 ug/L	95
3) Chloromethane	1.25	50	258937	75.836 ug/L	98
5) Vinyl chloride	1.32	62	289961	74.887 ug/L	98
6) Bromomethane	1.53	94	328676	91.215 ug/L	100
8) Chloroethane	1.59	64	244763	74.890 ug/L	100
9) Trichlorofluoromethane	1.76	101	577488	79.221 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	322846	77.445 ug/L	99
12) 1,1-Dichloroethene	2.14	96	277010	78.851 ug/L	89
13) Acetone	2.20	43	167274	153.488 ug/L	97
14) Carbon disulfide	2.32	76	741553	78.883 ug/L	99
15) Methyl Acetate	2.46	43	112762	70.960 ug/L	98
16) Methylene chloride	2.53	84	244175	67.414 ug/L	93
17) Methyl tert-butyl Ether	2.81	73	657913	84.546 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	252592	79.812 ug/L	94
19) 1,1-Dichloroethane	3.23	63	461804	87.850 ug/L	98
21) 2-Butanone	4.02	43	228627	183.119 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	306815	88.745 ug/L	97
23) Bromochloromethane	4.30	128	140394	88.733 ug/L	98
25) Chloroform	4.43	83	520147	92.988 ug/L	97
27) 1,2-Dichloroethane	5.18	62	372121	98.242 ug/L	96
30) Cyclohexane	4.73	56	467026	86.309 ug/L	98
31) 1,1,1-Trichloroethane	4.66	97	499012	94.659 ug/L	99
32) Carbon tetrachloride	4.88	117	444768	99.839 ug/L	99
34) Benzene	5.15	78	1135320	88.950 ug/L	100
35) Trichloroethene	5.96	95	316200	89.065 ug/L	98
36) Methylcyclohexane	6.18	83	534634	86.095 ug/L	98
40) 1,2-Dichloropropane	6.22	63	287278	92.735 ug/L	98
41) Bromodichloromethane	6.56	83	419324	95.045 ug/L	99
42) cis-1,3-Dichloropropene	7.07	75	474698	90.293 ug/L	100
43) 4-Methyl-2-pentanone	7.28	43	370262	142.382 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	1311513	92.646	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	442370	96.091	ug/L	99
46) 1,1,2-Trichloroethane	7.88	97	245458	88.979	ug/L	99
47) Tetrachloroethene	8.02	164	247956	89.364	ug/L	97
49) 2-Hexanone	8.19	43	346816	173.414	ug/L	98
50) Dibromochloromethane	8.29	129	328595	98.789	ug/L	99
51) 1,2-Dibromoethane	8.40	107	249750	90.266	ug/L	99
52) Chlorobenzene	8.93	112	859526	93.247	ug/L	99
53) Ethylbenzene	9.06	91	1478124	92.426	ug/L	99
54) m,p-Xylene	9.18	106	581822	93.239	ug/L	99
55) o-xylene	9.59	106	552406	94.312	ug/L	97
56) Styrene	9.60	104	939060	93.425	ug/L	99
57) Isopropylbenzene	9.98	105	1484565	91.557	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	311087	79.913	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	219238	78.592	ug/L	99
62) Bromoform	9.78	173	197900	92.061	ug/L	99
63) 1,3-Dichlorobenzene	11.23	146	670289	89.741	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	665045	89.324	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	621838	88.790	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	58827	75.635	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	486311	89.980	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	420026	95.247	ug/L	98
69) Naphthalene	13.55	128	912618	96.551	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	383278	94.176	ug/L	96

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

