

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010919\
 Data File : VV009211.D
 Acq On : 09 Jan 2019 13:44
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00 G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02565

Quant Time: Jan 10 05:45:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010819S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 10 05:42:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	242685	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	228709	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	117486	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58378	26.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.08%
7) Chloroethane-d5	1.58	69	41442	21.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.96%
10) 1,1-Dichloroethene-d2	2.13	63	161055	26.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	106.12%
20) 2-Butanone-d5	3.96	46	44949	46.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.36%
24) Chloroform-d	4.40	84	151075	26.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	5.08	65	81871	26.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.60%
29) Benzene-d6	5.10	84	297591	25.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.80%
33) 1,2-Dichloropropane-d6	6.12	67	85000	25.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.56%
37) Toluene-d8	7.36	98	277750	25.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.40%
38) trans-1,3-Dichloropropene-	7.67	79	42279	26.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.80%
39) 2-Hexanone-d5	8.14	63	29686	49.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.00%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	85152	26.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	108990	24.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.72%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	97669	24.843	ug/L	100
3) Chloromethane	1.25	50	68567	26.517	ug/L	100
5) Vinyl chloride	1.32	62	70357	26.371	ug/L	97
6) Bromomethane	1.54	94	46319	23.712	ug/L	97
8) Chloroethane	1.60	64	37925	22.181	ug/L	100
9) Trichlorofluoromethane	1.77	101	123877	24.789	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	80352	25.122	ug/L	98
12) 1,1-Dichloroethene	2.14	96	72208	25.845	ug/L	88
13) Acetone	2.22	43	56535	39.341	ug/L	90
14) Carbon disulfide	2.32	76	237562	25.229	ug/L	99
15) Methyl Acetate	2.47	43	43886	25.232	ug/L	95
16) Methylene chloride	2.53	84	86103	24.545	ug/L	87
17) Methyl tert-butyl Ether	2.81	73	200235	27.129	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	80633	25.380	ug/L	95
19) 1,1-Dichloroethane	3.23	63	135641	26.526	ug/L	97
21) 2-Butanone	4.04	43	64613	46.151	ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	88832	26.520	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	44422	27.866	ug/L	97
25) Chloroform	4.43	83	145098	26.472	ug/L	99
27) 1,2-Dichloroethane	5.18	62	101359	27.227	ug/L	98
30) Cyclohexane	4.73	56	124458	25.186	ug/L	99
31) 1,1,1-Trichloroethane	4.66	97	128663	24.604	ug/L	98
32) Carbon tetrachloride	4.88	117	118912	24.826	ug/L	100
34) Benzene	5.15	78	311332	25.855	ug/L	100
35) Trichloroethene	5.96	95	86702	25.226	ug/L	99
36) Methylcyclohexane	6.18	83	141974	24.465	ug/L	99
40) 1,2-Dichloropropane	6.22	63	76400	26.052	ug/L	99
41) Bromodichloromethane	6.56	83	107813	26.733	ug/L	98
42) cis-1,3-Dichloropropene	7.07	75	123282	26.757	ug/L	98
43) 4-Methyl-2-pentanone	7.28	43	120541	52.289	ug/L	98
44) Toluene	7.43	91	334612	25.877	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	109124	26.900	ug/L	98
46) 1,1,2-Trichloroethane	7.88	97	67996	26.597	ug/L	98
47) Tetrachloroethene	8.02	164	73151	24.677	ug/L	99
49) 2-Hexanone	8.19	43	93145	51.025	ug/L	95
50) Dibromochloromethane	8.29	129	83527	26.790	ug/L	98
51) 1,2-Dibromoethane	8.40	107	68359	26.195	ug/L	96
52) Chlorobenzene	8.93	112	226318	25.456	ug/L	100
53) Ethylbenzene	9.06	91	372965	25.529	ug/L	99
54) m,p-Xylene	9.18	106	143676	25.456	ug/L	100
55) o-xylene	9.59	106	138834	25.859	ug/L	99
56) Styrene	9.60	104	238597	26.714	ug/L	100
57) Isopropylbenzene	9.98	105	366926	25.158	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	84425	26.449	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	64480	25.623	ug/L	99
62) Bromoform	9.78	173	51241	25.757	ug/L	98
63) 1,3-Dichlorobenzene	11.23	146	182207	24.799	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	185899	24.829	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	175892	25.356	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	15371	24.712	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	142490	24.359	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	119035	25.123	ug/L	100
69) Naphthalene	13.55	128	227875	24.980	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	109180	25.239	ug/L	99

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

