

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031119\
 Data File : VV009584.D
 Acq On : 11 Mar 2019 09:24
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02576

Quant Time: Mar 11 11:59:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 11 04:48:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	162583	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	151894	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	72143	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46570	23.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.20%
7) Chloroethane-d5	1.57	69	68191	24.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.36%
10) 1,1-Dichloroethene-d2	2.13	63	131206	25.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.04%
20) 2-Butanone-d5	3.94	46	31165	46.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.46%
24) Chloroform-d	4.40	84	105995	27.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.48%
26) 1,2-Dichloroethane-d4	5.08	65	59622	27.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.24%
29) Benzene-d6	5.10	84	207271	27.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.20%
33) 1,2-Dichloropropane-d6	6.12	67	60821	27.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.60%
37) Toluene-d8	7.36	98	196919	26.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.40%
38) trans-1,3-Dichloropropene-	7.66	79	27084	25.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.68%
39) 2-Hexanone-d5	8.13	63	22855	44.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.22%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	59014	24.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.76%
61) 1,2-Dichlorobenzene-d4	11.67	152	67240	25.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.12%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	53359	28.504 ug/L	98
3) Chloromethane	1.25	50	52968	26.549 ug/L	100
5) Vinyl chloride	1.32	62	57811	26.283 ug/L	99
6) Bromomethane	1.53	94	72944	26.639 ug/L	99
8) Chloroethane	1.59	64	64111	26.230 ug/L	97
9) Trichlorofluoromethane	1.76	101	130361	28.892 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	74737	29.582 ug/L	96
12) 1,1-Dichloroethene	2.14	96	60918	28.182 ug/L	88
13) Acetone	2.20	43	29513	43.525 ug/L	98
14) Carbon disulfide	2.32	76	154105	28.127 ug/L	98
15) Methyl Acetate	2.46	43	24199	22.038 ug/L	96
16) Methylene chloride	2.53	84	54027	25.321 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	128136	26.472 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	54710	28.178 ug/L	98
19) 1,1-Dichloroethane	3.23	63	99382	29.049 ug/L	98
21) 2-Butanone	4.03	43	33860	39.566 ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	63290	28.874 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	27178	26.890	ug/L	92
25) Chloroform	4.42	83	110838	29.031	ug/L	98
27) 1,2-Dichloroethane	5.18	62	69545	26.227	ug/L	99
30) Cyclohexane	4.72	56	89240	27.683	ug/L	96
31) 1,1,1-Trichloroethane	4.66	97	99260	29.232	ug/L	99
32) Carbon tetrachloride	4.87	117	85535	29.796	ug/L	100
34) Benzene	5.14	78	223532	28.481	ug/L	100
35) Trichloroethene	5.96	95	62845	27.862	ug/L	98
36) Methylcyclohexane	6.17	83	100877	27.454	ug/L	99
40) 1,2-Dichloropropane	6.22	63	55680	27.514	ug/L	99
41) Bromodichloromethane	6.55	83	79121	28.966	ug/L	98
42) cis-1,3-Dichloropropene	7.07	75	88313	28.110	ug/L	98
43) 4-Methyl-2-pentanone	7.28	43	71645	44.911	ug/L	99
44) Toluene	7.43	91	254290	28.663	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	75818	27.632	ug/L	100
46) 1,1,2-Trichloroethane	7.88	97	46470	27.640	ug/L	93
47) Tetrachloroethene	8.02	164	49463	28.912	ug/L	95
49) 2-Hexanone	8.19	43	50683	42.015	ug/L	99
50) Dibromochloromethane	8.29	129	55059	27.050	ug/L	98
51) 1,2-Dibromoethane	8.40	107	45783	26.356	ug/L #	98
52) Chlorobenzene	8.93	112	162892	27.700	ug/L	99
53) Ethylbenzene	9.05	91	287730	28.342	ug/L	97
54) m,p-Xylene	9.18	106	107663	28.020	ug/L	99
55) o-xylene	9.59	106	103122	27.832	ug/L	92
56) Styrene	9.60	104	171501	28.135	ug/L	100
57) Isopropylbenzene	9.97	105	283141	27.706	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	61404	25.865	ug/L #	98
59) 1,2,3-Trichloropropane	10.32	75	42879	25.056	ug/L	100
62) Bromoform	9.77	173	30682	26.208	ug/L	99
63) 1,3-Dichlorobenzene	11.23	146	122531	27.191	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	123753	26.874	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	112418	26.750	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	9150	21.738	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	87288	27.004	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	66453	25.678	ug/L	99
69) Naphthalene	13.55	128	121034	22.204	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	61823	25.967	ug/L	99

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

