

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031419\
 Data File : VV009659.D
 Acq On : 14 Mar 2019 11:28
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02580

Quant Time: Mar 15 04:26:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 07:37:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	156715	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	155645	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74265	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48089	24.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.00%
7) Chloroethane-d5	1.57	69	43723	17.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.76%
10) 1,1-Dichloroethene-d2	2.13	63	131676	24.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.24%
20) 2-Butanone-d5	3.93	46	23062	43.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.88%
24) Chloroform-d	4.40	84	91716	22.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.84%
26) 1,2-Dichloroethane-d4	5.08	65	52920	23.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.64%
29) Benzene-d6	5.10	84	196468	24.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.24%
33) 1,2-Dichloropropane-d6	6.12	67	55884	23.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.72%
37) Toluene-d8	7.36	98	193160	24.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.80%
38) trans-1,3-Dichloropropene-	7.66	79	25531	23.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.16%
39) 2-Hexanone-d5	8.13	63	17830	40.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.18%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49865	22.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	66487	23.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.44%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	64159	26.461	ug/L 98
3) Chloromethane	1.25	50	56578	26.190	ug/L 100
5) Vinyl chloride	1.32	62	63554	27.382	ug/L 97
6) Bromomethane	1.51	94	62039	24.151	ug/L 100
8) Chloroethane	1.59	64	42629	21.387	ug/L 98
9) Trichlorofluoromethane	1.76	101	131406	26.688	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	71730	26.791	ug/L 99
12) 1,1-Dichloroethene	2.14	96	61335	26.112	ug/L 97
13) Acetone	2.19	43	35224	55.668	ug/L 98
14) Carbon disulfide	2.32	76	160581	27.299	ug/L 100
15) Methyl Acetate	2.46	43	21356	23.133	ug/L 96
16) Methylene chloride	2.53	84	54954	24.088	ug/L 97
17) Methyl tert-butyl Ether	2.80	73	124457	25.507	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	56716	27.701	ug/L 98
19) 1,1-Dichloroethane	3.23	63	97521	27.289	ug/L 97
21) 2-Butanone	4.01	43	37352	47.816	ug/L 94
22) cis-1,2-Dichloroethene	3.96	96	62797	27.370	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	28267	26.649	ug/L	95
25) Chloroform	4.42	83	117041	28.744	ug/L	98
27) 1,2-Dichloroethane	5.18	62	69925	24.871	ug/L	96
30) Cyclohexane	4.72	56	93518	26.596	ug/L	100
31) 1,1,1-Trichloroethane	4.66	97	100973	27.703	ug/L	99
32) Carbon tetrachloride	4.87	117	85976	27.839	ug/L	99
34) Benzene	5.14	78	236787	26.836	ug/L	100
35) Trichloroethene	5.96	95	64673	26.396	ug/L	99
36) Methylcyclohexane	6.17	83	104486	25.681	ug/L	96
40) 1,2-Dichloropropane	6.22	63	54193	25.280	ug/L	99
41) Bromodichloromethane	6.55	83	79496	26.952	ug/L	99
42) cis-1,3-Dichloropropene	7.07	75	89964	27.640	ug/L	100
43) 4-Methyl-2-pentanone	7.27	43	66552	45.400	ug/L	97
44) Toluene	7.43	91	266763	27.143	ug/L	98
45) trans-1,3-Dichloropropene	7.69	75	72653	25.848	ug/L	100
46) 1,1,2-Trichloroethane	7.88	97	44915	25.076	ug/L	99
47) Tetrachloroethene	8.02	164	51719	26.722	ug/L	97
49) 2-Hexanone	8.18	43	53390	48.495	ug/L	97
50) Dibromochloromethane	8.29	129	53907	26.538	ug/L	99
51) 1,2-Dibromoethane	8.40	107	44531	25.101	ug/L	98
52) Chlorobenzene	8.92	112	168671	26.376	ug/L	98
53) Ethylbenzene	9.05	91	301347	27.723	ug/L	98
54) m,p-Xylene	9.18	106	114396	27.880	ug/L	96
55) o-xylene	9.59	106	108158	26.859	ug/L	96
56) Styrene	9.60	104	180694	27.511	ug/L	99
57) Isopropylbenzene	9.97	105	299627	28.055	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	57501	24.759	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	40128	24.068	ug/L	100
62) Bromoform	9.77	173	29020	25.572	ug/L	99
63) 1,3-Dichlorobenzene	11.23	146	128177	26.450	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	128583	26.068	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	117665	26.097	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	8134	24.368	ug/L	91
67) 1,3,5-Trichlorobenzene	12.69	180	91956	27.249	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	63426	26.513	ug/L	99
69) Naphthalene	13.55	128	95035	24.052	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	57233	26.016	ug/L	99

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

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