

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010819\
 Data File : VV009190.D
 Acq On : 08 Jan 2019 12:22
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00 G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC025

Quant Time: Jan 08 12:44:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 08 00:28:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	260729	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	236459	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	120268	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38383	21.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.12%
7) Chloroethane-d5	1.58	69	46007	26.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.40%
10) 1,1-Dichloroethene-d2	2.13	63	139102	23.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.36%
20) 2-Butanone-d5	3.96	46	40490	32.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.54%
24) Chloroform-d	4.40	84	144768	26.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.48%
26) 1,2-Dichloroethane-d4	5.08	65	75555	25.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.92%
29) Benzene-d6	5.09	84	271227	25.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.96%
33) 1,2-Dichloropropane-d6	6.11	67	79292	26.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.00%
37) Toluene-d8	7.36	98	254366	25.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.40%
38) trans-1,3-Dichloropropene-	7.66	79	36090	25.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.72%
39) 2-Hexanone-d5	8.14	63	25531	35.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.62%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	75507	22.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	103702	25.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.04%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	97132	23.176	ug/L 99
3) Chloromethane	1.25	50	67167	23.663	ug/L 100
5) Vinyl chloride	1.32	62	73858	24.300	ug/L 99
6) Bromomethane	1.53	94	56958	26.605	ug/L 94
8) Chloroethane	1.60	64	52660	28.114	ug/L 99
9) Trichlorofluoromethane	1.76	101	140736	25.257	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	93580	25.217	ug/L 100
12) 1,1-Dichloroethene	2.14	96	80080	24.882	ug/L 95
13) Acetone	2.22	43	49110	27.620	ug/L 99
14) Carbon disulfide	2.31	76	224045	24.363	ug/L 99
15) Methyl Acetate	2.47	43	38137	17.334	ug/L 93
16) Methylene chloride	2.53	84	89594	23.001	ug/L 98
17) Methyl tert-butyl Ether	2.80	73	209864	26.622	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	88336	25.899	ug/L 97
19) 1,1-Dichloroethane	3.23	63	151184	26.693	ug/L 99
21) 2-Butanone	4.04	43	55557	35.722	ug/L # 89
22) cis-1,2-Dichloroethene	3.96	96	98863	27.114	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	45015	26.241	uq/L	94
25) Chloroform	4.42	83	163879	27.171	uq/L	99
27) 1,2-Dichloroethane	5.18	62	107131	26.443	uq/L	100
30) Cyclohexane	4.72	56	134880	25.730	uq/L	97
31) 1,1,1-Trichloroethane	4.65	97	150663	26.207	uq/L	99
32) Carbon tetrachloride	4.87	117	137286	26.090	uq/L	99
34) Benzene	5.14	78	343319	27.009	uq/L	100
35) Trichloroethene	5.96	95	96991	26.485	uq/L	98
36) Methylcyclohexane	6.17	83	156728	25.614	uq/L	99
40) 1,2-Dichloropropane	6.22	63	85375	27.866	uq/L	100
41) Bromodichloromethane	6.55	83	119070	28.353	uq/L	99
42) cis-1,3-Dichloropropene	7.07	75	137603	28.342	uq/L	99
43) 4-Methyl-2-pentanone	7.28	43	112497	38.521	uq/L	97
44) Toluene	7.43	91	366520	26.744	uq/L	99
45) trans-1,3-Dichloropropene	7.69	75	115881	27.262	uq/L	97
46) 1,1,2-Trichloroethane	7.88	97	70823	26.154	uq/L	99
47) Tetrachloroethene	8.02	164	82226	25.916	uq/L	98
49) 2-Hexanone	8.19	43	81690	38.007	uq/L	99
50) Dibromochloromethane	8.29	129	90011	27.057	uq/L	100
51) 1,2-Dibromoethane	8.40	107	69706	24.618	uq/L	94
52) Chlorobenzene	8.92	112	252210	26.821	uq/L	99
53) Ethylbenzene	9.05	91	417971	26.968	uq/L	98
54) m,p-Xylene	9.18	106	160433	26.568	uq/L	96
55) o-xylene	9.59	106	152072	27.236	uq/L	98
56) Styrene	9.60	104	261178	27.733	uq/L	98
57) Isopropylbenzene	9.97	105	420824	27.165	uq/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	85115	23.459	uq/L	99
59) 1,2,3-Trichloropropane	10.32	75	64307	22.175	uq/L	99
62) Bromoform	9.77	173	53504	25.190	uq/L	100
63) 1,3-Dichlorobenzene	11.23	146	203368	26.837	uq/L	99
64) 1,4-Dichlorobenzene	11.32	146	206279	26.115	uq/L	99
65) 1,2-Dichlorobenzene	11.69	146	195761	27.120	uq/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	14380	19.189	uq/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	163851	26.810	uq/L	99
68) 1,2,4-trichlorobenzene	13.31	180	134639	27.066	uq/L	99
69) Naphthalene	13.55	128	235192	23.212	uq/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	119974	26.280	uq/L	99

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

