

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050219\
 Data File : VV010643.D
 Acq On : 03 May 2019 01:21
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02581

Quant Time: May 03 02:26:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 03 02:22:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	150561	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	157673	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	76308	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36500	19.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.60%
7) Chloroethane-d5	1.57	69	28197	21.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.52%
10) 1,1-Dichloroethene-d2	2.13	63	66107	19.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.12%
20) 2-Butanone-d5	3.93	46	39005	67.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.50%
24) Chloroform-d	4.40	84	98018	25.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.08	65	58988	26.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.88%
29) Benzene-d6	5.10	84	190889	23.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.44%
33) 1,2-Dichloropropane-d6	6.12	67	61494	24.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.28%
37) Toluene-d8	7.36	98	180542	22.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.96%
38) trans-1,3-Dichloropropene-	7.66	79	26051	25.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.72%
39) 2-Hexanone-d5	8.13	63	27241	61.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.26%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	62110	27.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	74784	25.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.88%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	47921	21.529	ug/L 98
3) Chloromethane	1.25	50	45782	22.366	ug/L 98
5) Vinyl chloride	1.32	62	39047	21.154	ug/L 98
6) Bromomethane	1.51	94	21322	22.559	ug/L 99
8) Chloroethane	1.59	64	22541	23.142	ug/L 95
9) Trichlorofluoromethane	1.76	101	66515	20.357	ug/L 97
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	32879	19.874	ug/L 98
12) 1,1-Dichloroethene	2.13	96	30129	20.829	ug/L 93
13) Acetone	2.19	43	24010	48.291	ug/L 99
14) Carbon disulfide	2.31	76	102052	21.309	ug/L 98
15) Methyl Acetate	2.46	43	31166	32.067	ug/L 98
16) Methylene chloride	2.53	84	53782	25.611	ug/L 97
17) Methyl tert-butyl Ether	2.80	73	127670	28.655	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	43945	23.923	ug/L 98
19) 1,1-Dichloroethane	3.23	63	85575	25.543	ug/L 100
21) 2-Butanone	4.01	43	40150	61.930	ug/L 96
22) cis-1,2-Dichloroethene	3.96	96	53417	26.640	ug/L 96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050219\
 Data File : VV010643.D
 Acq On : 03 May 2019 01:21
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02581

Quant Time: May 03 02:26:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 03 02:22:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	26702	28.166	ug/L	97
25) Chloroform	4.42	83	94834	25.538	ug/L	100
27) 1,2-Dichloroethane	5.18	62	66089	27.478	ug/L #	94
30) Cyclohexane	4.72	56	56425	20.347	ug/L	97
31) 1,1,1-Trichloroethane	4.66	97	72652	23.587	ug/L	99
32) Carbon tetrachloride	4.87	117	62501	22.668	ug/L	99
34) Benzene	5.14	78	184021	24.415	ug/L	100
35) Trichloroethene	5.96	95	50850	23.652	ug/L	100
36) Methylcyclohexane	6.17	83	62788	20.440	ug/L	99
40) 1,2-Dichloropropane	6.22	63	51453	26.246	ug/L	99
41) Bromodichloromethane	6.55	83	68559	26.411	ug/L	98
42) cis-1,3-Dichloropropene	7.07	75	73279	25.554	ug/L	97
43) 4-Methyl-2-pentanone	7.27	43	82656	59.881	ug/L	96
44) Toluene	7.43	91	206425	24.815	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	65094	26.972	ug/L	100
46) 1,1,2-Trichloroethane	7.88	97	47513	29.024	ug/L	97
47) Tetrachloroethene	8.02	164	37494	22.373	ug/L	96
49) 2-Hexanone	8.18	43	59481	57.966	ug/L	99
50) Dibromochloromethane	8.29	129	52931	27.265	ug/L	96
51) 1,2-Dibromoethane	8.40	107	44875	28.420	ug/L	93
52) Chlorobenzene	8.93	112	144482	24.886	ug/L	99
53) Ethylbenzene	9.06	91	228050	24.239	ug/L	100
54) m,p-Xylene	9.18	106	86365	24.226	ug/L	98
55) o-xylene	9.59	106	90239	25.909	ug/L	99
56) Styrene	9.60	104	156165	26.419	ug/L	99
57) Isopropylbenzene	9.97	105	225622	24.686	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	58662	28.726	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	46177	30.058	ug/L	100
62) Bromoform	9.77	173	29994	28.026	ug/L #	96
63) 1,3-Dichlorobenzene	11.23	146	110438	25.362	ug/L	100
64) 1,4-Dichlorobenzene	11.32	146	113170	24.888	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	112644	26.202	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	9610	30.395	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	80169	23.979	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	64258	25.190	ug/L	99
69) Naphthalene	13.55	128	145336	29.797	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	64894	26.970	ug/L	97

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

