

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021219\
 Data File : VV009287.D
 Acq On : 12 Feb 2019 14:57
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV66

Quant Time: Feb 13 07:43:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM021219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 13 07:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	214157	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	208438	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	99778	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82062	22.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.68%
7) Chloroethane-d5	1.58	69	48533	20.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.20%
10) 1,1-Dichloroethene-d2	2.13	63	173316	23.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.12%
20) 2-Butanone-d5	3.94	46	79968	48.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.50%
24) Chloroform-d	4.40	84	152190	23.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.08	65	89421	22.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.80%
29) Benzene-d6	5.10	84	294165	22.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.92%
33) 1,2-Dichloropropane-d6	6.12	67	88835	22.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.32%
37) Toluene-d8	7.36	98	272890	23.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.00%
38) trans-1,3-Dichloropropene-	7.66	79	41458	23.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.60%
39) 2-Hexanone-d5	8.14	63	46305	47.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.86%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	90217	22.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	93790	23.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	121013	30.440	ug/L 100
3) Chloromethane	1.25	50	115499	26.957	ug/L 97
5) Vinyl chloride	1.32	62	114917	26.887	ug/L 100
6) Bromomethane	1.53	94	56377	27.634	ug/L 98
8) Chloroethane	1.60	64	50711	22.175	ug/L 100
9) Trichlorofluoromethane	1.77	101	160383	27.068	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	83481	24.431	ug/L 99
12) 1,1-Dichloroethene	2.14	96	75440	24.205	ug/L 92
13) Acetone	2.20	43	119832	51.472	ug/L 99
14) Carbon disulfide	2.32	76	286680	24.027	ug/L 99
15) Methyl Acetate	2.46	43	67795	24.019	ug/L 96
16) Methylene chloride	2.53	84	95680	21.254	ug/L 100
17) Methyl tert-butyl Ether	2.81	73	209404	24.889	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	86300	24.337	ug/L 98
19) 1,1-Dichloroethane	3.23	63	165284	24.485	ug/L 99
21) 2-Butanone	4.03	43	122864	52.025	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	90783	24.925	ug/L 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021219\
 Data File : VV009287.D
 Acq On : 12 Feb 2019 14:57
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV66

Quant Time: Feb 13 07:43:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM021219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 13 07:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	40920	25.042	ug/L	98
25) Chloroform	4.43	83	161177	24.152	ug/L	99
27) 1,2-Dichloroethane	5.18	62	120001	25.056	ug/L	99
30) Cyclohexane	4.72	56	165311	25.039	ug/L	97
31) 1,1,1-Trichloroethane	4.66	97	146015	24.115	ug/L	98
32) Carbon tetrachloride	4.87	117	131111	24.492	ug/L	98
34) Benzene	5.15	78	352265	24.667	ug/L	100
35) Trichloroethene	5.96	95	94290	24.348	ug/L	98
36) Methylcyclohexane	6.18	83	155779	24.068	ug/L	99
40) 1,2-Dichloropropane	6.22	63	92402	24.566	ug/L	99
41) Bromodichloromethane	6.55	83	112880	23.216	ug/L	99
42) cis-1,3-Dichloropropene	7.07	75	136201	24.799	ug/L	100
43) 4-Methyl-2-pentanone	7.28	43	182248	50.656	ug/L	99
44) Toluene	7.43	91	379885	25.353	ug/L	98
45) trans-1,3-Dichloropropene	7.69	75	116777	23.860	ug/L	98
46) 1,1,2-Trichloroethane	7.88	97	68118	23.795	ug/L	99
47) Tetrachloroethene	8.02	164	72594	24.863	ug/L	98
49) 2-Hexanone	8.19	43	166340	53.916	ug/L	99
50) Dibromochloromethane	8.29	129	79605	24.218	ug/L	99
51) 1,2-Dibromoethane	8.40	107	69625	24.263	ug/L	98
52) Chlorobenzene	8.93	112	228799	24.167	ug/L	99
53) Ethylbenzene	9.06	91	418550	25.212	ug/L	100
54) m,p-Xylene	9.18	106	151286	24.748	ug/L	100
55) o-xylene	9.59	106	144482	24.979	ug/L	98
56) Styrene	9.60	104	249004	25.570	ug/L	100
57) Isopropylbenzene	9.98	105	402859	25.380	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	98320	23.533	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	80073	24.493	ug/L	99
62) Bromoform	9.78	173	47955	24.259	ug/L	98
63) 1,3-Dichlorobenzene	11.23	146	175528	24.821	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	175594	24.569	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	167201	25.253	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	21074	25.190	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	133433	25.412	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	108769	26.587	ug/L	99
69) Naphthalene	13.55	128	249309	30.217	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	103366	27.803	ug/L	100

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

