

Data File : VV013465.D
Acq On : 01 Nov 2019 13:05
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00G/10.0ML/MSVOA_V/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VICV61

Quant Time: Nov 02 02:57:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM110119S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 02 03:55:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	696796	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	644357	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	363150	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	258738	26.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.48%
7) Chloroethane-d5	1.58	69	195791	27.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.40%
10) 1,1-Dichloroethene-d2	2.13	63	437076	25.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.48%
20) 2-Butanone-d5	3.93	46	225642	49.02	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.04%
24) Chloroform-d	4.40	84	487376	24.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.08	65	279868	24.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.12%
29) Benzene-d6	5.09	84	999989	26.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.72%
33) 1,2-Dichloropropane-d6	6.11	67	293537	25.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.72%
37) Toluene-d8	7.36	98	911378	26.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.56%
38) trans-1,3-Dichloropropene-	7.66	79	133524	26.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.48%
39) 2-Hexanone-d5	8.13	63	144668	58.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.22%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	274641	25.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.88%
61) 1,2-Dichlorobenzene-d4	11.67	152	349823	24.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.60%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	252359	23.221	ug/L	99
3) Chloromethane	1.25	50	266126	24.027	ug/L	98
5) Vinyl chloride	1.32	62	274684	25.326	ug/L	98
6) Bromomethane	1.53	94	125085	24.535	ug/L	97
8) Chloroethane	1.60	64	149982	24.914	ug/L	99
9) Trichlorofluoromethane	1.77	101	373803	25.172	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	220807	24.915	ug/L	99
12) 1,1-Dichloroethene	2.14	96	210291	25.103	ug/L	97
13) Acetone	2.19	43	217599	40.446	ug/L	98
14) Carbon disulfide	2.32	76	816319	25.121	ug/L	100
15) Methyl Acetate	2.46	43	197258	24.361	ug/L	99
16) Methylene chloride	2.53	84	298338	23.004	ug/L	98
17) Methyl tert-butyl Ether	2.80	73	672592	24.469	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	278773	24.953	ug/L	97
19) 1,1-Dichloroethane	3.23	63	497050	24.406	ug/L	99
21) 2-Butanone	4.01	43	267655	48.236	ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	291901	24.861	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	140372	24.907	ug/L	97
25) Chloroform	4.42	83	500048	23.984	ug/L	100
27) 1,2-Dichloroethane	5.17	62	348853	24.094	ug/L	99
30) Cyclohexane	4.72	56	482120	27.707	ug/L	100
31) 1,1,1-Trichloroethane	4.65	97	428639	26.212	ug/L	98
32) Carbon tetrachloride	4.87	117	386365	26.532	ug/L	99
34) Benzene	5.14	78	1112393	26.319	ug/L	100
35) Trichloroethene	5.96	95	292899	25.668	ug/L	100
36) Methylcyclohexane	6.17	83	480693	26.912	ug/L	99
40) 1,2-Dichloropropane	6.22	63	269346	25.301	ug/L	100
41) Bromodichloromethane	6.55	83	346103	25.262	ug/L	98
42) cis-1,3-Dichloropropene	7.07	75	416214	26.370	ug/L	100
43) 4-Methyl-2-pentanone	7.27	43	501899	51.080	ug/L	98
44) Toluene	7.43	91	1164421	26.963	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	341820	25.265	ug/L	100
46) 1,1,2-Trichloroethane	7.88	97	213412	25.021	ug/L	98
47) Tetrachloroethene	8.01	164	252768	26.125	ug/L	97
49) 2-Hexanone	8.18	43	393521	55.014	ug/L	97
50) Dibromochloromethane	8.29	129	254318	24.938	ug/L	99
51) 1,2-Dibromoethane	8.39	107	221400	25.112	ug/L	99
52) Chlorobenzene	8.92	112	734902	25.147	ug/L	100
53) Ethylbenzene	9.05	91	1267249	26.627	ug/L	100
54) m,p-Xylene	9.18	106	492423	27.509	ug/L	99
55) o-xylene	9.58	106	473304	27.958	ug/L	94
56) Styrene	9.60	104	829850	28.268	ug/L	98
57) Isopropylbenzene	9.97	105	1253871	27.454	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	284487	26.000	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	236333	25.773	ug/L	100
62) Bromoform	9.77	173	177280	24.635	ug/L	99
63) 1,3-Dichlorobenzene	11.22	146	642889	25.642	ug/L	99
64) 1,4-Dichlorobenzene	11.31	146	639623	24.949	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	579857	24.887	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	51480	24.020	ug/L	89
67) 1,3,5-Trichlorobenzene	12.69	180	526487	26.557	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	450504	26.653	ug/L	99
69) Naphthalene	13.55	128	907775	27.772	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	426593	26.975	ug/L	98

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

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