Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081518\
Data File : VW004664.D
Acq On : 14 Aug 2018 12:10
Operator : SY/AP
Sample : VSTDICV025
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VICV94

Quant Time: Aug 15 08:49:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 14 12:36:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	1036448	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	998785	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	508112	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	372327	22.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.40%			
7) Chloroethane-d5	2.89	69	296064	23.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.00%			
10) 1,1-Dichloroethene-d2	4.02	63	688928	22.86	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 91.44%			
20) 2-Butanone-d5	7.09	46	205902	46.19	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.38%			
24) Chloroform-d	7.65	84	651555	23.46	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.84%			
26) 1,2-Dichloroethane-d4	8.31	65	345381	23.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.88%			
29) Benzene-d6	8.28	84	1341683	23.95	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.80%			
33) 1,2-Dichloropropane-d6	9.28	67	406888	23.39	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.56%			
37) Toluene-d8	10.33	98	1216574	24.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.84%			
38) trans-1,3-Dichloropropene-	10.58	79	169218	23.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.80%			
39) 2-Hexanone-d5	10.93	63	169197	48.66	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.32%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	378759	23.21	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 92.84%			
61) 1,2-Dichlorobenzene-d4	13.86	152	459686	23.85	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	276751	22.32	ug/L	97
3) Chloromethane	2.22	50	349004	23.73	ug/L	99
5) Vinyl chloride	2.37	62	483864	22.67	ug/L	100
6) Bromomethane	2.79	94	279460	22.84	ug/L	99
8) Chloroethane	2.93	64	274329	22.91	ug/L	94
9) Trichlorofluoromethane	3.26	101	218387	20.30	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	349720	22.12	ug/L	98
12) 1,1-Dichloroethene	4.03	96	350220	22.57	ug/L	94
13) Acetone	4.14	43	177460	43.39	ug/L	97
14) Carbon disulfide	4.37	76	1238726	22.89	ug/L	99
15) Methyl Acetate	4.67	43	199826	22.61	ug/L	100
16) Methylene chloride	4.92	84	417001	20.14	ug/L	97
17) Methyl tert-butyl Ether	5.42	73	488949	24.12	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	367570	23.07	ug/L	99
19) 1,1-Dichloroethane	6.21	63	656534	23.29	ug/L	98
21) 2-Butanone	7.18	43	255210	44.61	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	398022	23.67	ug/L	97

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Quant Title : VOC Analysis
QLast Update : Tue Aug 14 12:36:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	182349	23.25	ug/L	98
25) Chloroform	7.68	83	651438	23.22	ug/L	99
27) 1,2-Dichloroethane	8.40	62	424144	23.38	ug/L	99
30) Cyclohexane	7.96	56	632607	24.24	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	516276	23.11	ug/L	99
32) Carbon tetrachloride	8.07	117	485413	22.83	ug/L	99
34) Benzene	8.32	78	1513239	23.80	ug/L	100
35) Trichloroethene	9.09	95	372260	23.27	ug/L	99
36) Methylcyclohexane	9.34	83	713719	23.91	ug/L	99
40) 1,2-Dichloropropane	9.37	63	384982	23.86	ug/L	100
41) Bromodichloromethane	9.65	83	445651	23.64	ug/L	100
42) cis-1,3-Dichloropropene	10.08	75	544640	24.26	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	504744	47.25	ug/L	99
44) Toluene	10.39	91	1549433	24.07	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	476452	24.07	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	286600	23.51	ug/L	99
47) Tetrachloroethene	10.87	164	302187	22.77	ug/L	99
49) 2-Hexanone	10.98	43	371661	47.77	ug/L	99
50) Dibromochloromethane	11.13	129	319823	23.32	ug/L	99
51) 1,2-Dibromoethane	11.24	107	277538	23.61	ug/L	97
52) Chlorobenzene	11.66	112	1004543	23.37	ug/L	100
53) Ethylbenzene	11.74	91	1721386	24.00	ug/L	100
54) m,p-Xylene	11.84	106	661274	24.27	ug/L	99
55) o-xylene	12.17	106	633018	24.58	ug/L	99
56) Styrene	12.19	104	1106574	25.05	ug/L	99
57) Isopropylbenzene	12.47	105	1716602	24.61	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	383512	22.81	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	285027	23.03	ug/L	100
62) Bromoform	12.35	173	206402	23.63	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	776456	23.83	ug/L	100
64) 1,4-Dichlorobenzene	13.59	146	812866	23.35	ug/L	100
65) 1,2-Dichlorobenzene	13.88	146	766872	23.86	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	62116	22.93	ug/L	96
67) 1,3,5-Trichlorobenzene	14.64	180	622270	23.74	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	518864	24.43	ug/L	99
69) Naphthalene	15.38	128	1116154	25.53	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	509138	25.12	ug/L	99

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

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