Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090420\
Data File : VW016463.D
Acq On : 04 Sep 2020 14:30
Operator : SY/VA
Sample : MDL05
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MDL05

Manual Integrations APPROVED
MMDadoda
9/8/2020 10:14:48 AM

Quant Time: Sep 08 01:12:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 08 00:59:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	705843	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	630568	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	297685	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	172377	23.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.08%			
7) Chloroethane-d5	2.90	69	166175	24.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.84%			
10) 1,1-Dichloroethene-d2	4.03	63	279816	16.25	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.00%			
20) 2-Butanone-d5	7.09	46	120007	44.87	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.74%			
24) Chloroform-d	7.65	84	387290	23.42	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.68%			
26) 1,2-Dichloroethane-d4	8.31	65	217721	24.08	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.32%			
29) Benzene-d6	8.28	84	778213	24.28	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.12%			
33) 1,2-Dichloropropane-d6	9.28	67	228890	24.31	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.24%			
37) Toluene-d8	10.33	98	764309	25.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.32%			
38) trans-1,3-Dichloropropene-	10.58	79	115751	24.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.44%			
39) 2-Hexanone-d5	10.93	63	99725	51.81	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.62%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	206765	25.96	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.84%			
61) 1,2-Dichlorobenzene-d4	13.86	152	266631	25.92	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.68%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.02	85	5491m	0.695	ug/L	
3) Chloromethane	2.21	50	4906	0.708	ug/L	92
5) Vinyl chloride	2.37	62	7668m	0.868	ug/L	
6) Bromomethane	2.78	94	5212	0.790	ug/L	99
8) Chloroethane	2.93	64	4917m	0.905	ug/L	
9) Trichlorofluoromethane	3.27	101	4115	0.569	ug/L	89
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	8981m	1.050	ug/L	
12) 1,1-Dichloroethene	4.05	96	8589	0.988	ug/L #	1
13) Acetone	4.14	43	4840	2.820	ug/L	65
14) Carbon disulfide	4.40	76	17567	0.661	ug/L #	91
15) Methyl Acetate	4.68	43	3211m	0.771	ug/L	
16) Methylene chloride	4.93	84	25240	2.291	ug/L	95
17) Methyl tert-butyl Ether	5.42	73	9957m	0.763	ug/L	
18) trans-1,2-Dichloroethene	5.43	96	6883	0.745	ug/L	92
19) 1,1-Dichloroethane	6.23	63	10658m	0.678	ug/L	
21) 2-Butanone	7.15	43	9504m	3.299	ug/L	
22) cis-1,2-Dichloroethene	7.17	96	6942	0.721	ug/L	89

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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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Quant Time: Sep 08 01:12:38 2020
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Quant Title : VOC Analysis
QLast Update : Tue Sep 08 00:59:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.52	128	3408	0.764 ug/L #	72
25) Chloroform	7.68	83	12833	0.789 ug/L #	18
27) 1,2-Dichloroethane	8.40	62	7733	0.714 ug/L #	94
30) Cyclohexane	7.96	56	10124	0.672 ug/L #	85
31) 1,1,1-Trichloroethane	7.87	97	10038	0.735 ug/L	98
32) Carbon tetrachloride	8.07	117	8663	0.663 ug/L	91
34) Benzene	8.33	78	24446	0.709 ug/L	100
35) Trichloroethene	9.10	95	7374	0.772 ug/L	97
36) Methylcyclohexane	9.34	83	11314	0.677 ug/L	95
40) 1,2-Dichloropropane	9.37	63	5961	0.699 ug/L #	97
41) Bromodichloromethane	9.65	83	8691	0.729 ug/L #	95
42) cis-1,3-Dichloropropene	10.08	75	10484	0.725 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	14709	2.437 ug/L	96
44) Toluene	10.39	91	28659	0.743 ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	10348	0.800 ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	5026	0.744 ug/L	94
47) Tetrachloroethene	10.87	164	5833	0.762 ug/L	92
49) 2-Hexanone	10.98	43	5995	1.426 ug/L #	95
50) Dibromochloromethane	11.13	129	6076	0.711 ug/L	99
51) 1,2-Dibromoethane	11.24	107	5069	0.751 ug/L #	96
52) Chlorobenzene	11.66	112	18200	0.744 ug/L	96
53) Ethylbenzene	11.73	91	30160	0.694 ug/L	100
54) m,p-Xylene	11.84	106	12015	0.723 ug/L	98
55) o-xylene	12.17	106	11037	0.698 ug/L	77
56) Styrene	12.18	104	19148	0.704 ug/L	99
57) Isopropylbenzene	12.47	105	33314	0.769 ug/L #	84
58) 1,1,2,2-Tetrachloroethane	12.71	83	7220	0.896 ug/L #	83
59) 1,2,3-Trichloropropane	12.77	75	4331	0.720 ug/L	94
62) Bromoform	12.35	173	3479	0.696 ug/L #	95
63) 1,3-Dichlorobenzene	13.50	146	13973	0.746 ug/L	92
64) 1,4-Dichlorobenzene	13.58	146	14536	0.782 ug/L	93
65) 1,2-Dichlorobenzene	13.87	146	13146	0.789 ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.49	75	1171	0.755 ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	9451	0.732 ug/L	95
68) 1,2,4-trichlorobenzene	15.14	180	7455	0.667 ug/L	94
69) Naphthalene	15.37	128	15160	0.643 ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	6726	0.701 ug/L	97

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

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