Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071720\
Data File : VV017530.D
Acq On : 17 Jul 2020 17:50
Operator : SY/MD
Sample : L3336-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jul 18 06:21:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 18 05:06:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	320588	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	350050	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	199248	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	80937	48.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.00%			
7) Chloroethane-d5	1.58	69	62859	53.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 107.24%			
11) 1,1-Dichloroethene-d2	2.12	63	152629	40.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.78%			
21) 2-Butanone-d5	3.92	46	108702	95.36	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.36%			
24) Chloroform-d	4.38	84	148689	38.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.04%			
26) 1,2-Dichloroethane-d4	5.06	65	113903	42.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.98%			
32) Benzene-d6	5.08	84	273443	36.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 72.32%			
36) 1,2-Dichloropropane-d6	6.10	67	88293	40.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 81.10%			
41) Toluene-d8	7.35	98	296709	40.81	ug/L	0.01
Spiked Amount 50.000	Range 80 - 120		Recovery = 81.62%			
43) trans-1,3-Dichloropropene-	7.65	79	57957	45.73	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.46%			
47) 2-Hexanone-d5	8.11	63	106191	118.83	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 118.83%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	139219	45.53	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.06%			
64) 1,2-Dichlorobenzene-d4	11.65	152	150267	45.11	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.22%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	431453	176.118	ug/L	96
12) 1,1-Dichloroethene	2.13	96	38185	19.831	ug/L #	70
13) Acetone	2.19	43	6685m	4.308	ug/L	
16) Methylene chloride	2.53	84	2404	1.072	ug/L	92
17) trans-1,2-Dichloroethene	2.78	96	37323	17.824	ug/L	95
19) 1,1-Dichloroethane	3.22	63	7498	1.947	ug/L	94
20) cis-1,2-Dichloroethene	3.94	96	6315905	2815.059	ug/L	95
29) Cyclohexane	4.70	56	21872	5.992	ug/L	94
33) Benzene	5.13	78	274232	29.636	ug/L	100
34) Trichloroethene	5.95	95	8377146	3049.340	ug/L	93
35) Methylcyclohexane	6.16	83	90762	22.561	ug/L	98
42) Toluene	7.41	91	40597564m	3925.345	ug/L	
46) Tetrachloroethene	8.03	164	17013607	7375.589	ug/L	88
51) Chlorobenzene	8.91	112	2628306	375.023	ug/L	99
52) Ethylbenzene	9.04	91	4103445	346.874	ug/L	100
53) m,p-Xylene	9.16	106	5429168	1225.857	ug/L	93
54) o-xylene	9.57	106	2148520	505.053	ug/L	98

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Quant Title : VOC Analysis
QLast Update : Sat Jul 18 05:06:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Isopropylbenzene	9.96	105	383649	32.416	ug/L	100
62) 1,3-Dichlorobenzene	11.21	146	2293132	368.831	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	9781893	1550.186	ug/L	95
65) 1,2-Dichlorobenzene	11.67	146	3643598	587.888	ug/L	98
68) 1,2,4-trichlorobenzene	13.30	180	31775257m	7737.091	ug/L	
70) 1,2,3-Trichlorobenzene	13.78	180	11397276	2728.273	ug/L	98

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

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