Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

Manual Integrations APPROVED
MMDadoda
10/1/2021 11:51:15 AM

Quant Time: Oct 01 04:47:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 01 04:27:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	260238	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	246837	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	122603	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	86255	39.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 78.12%			
7) Chloroethane-d5	1.561	69	71717	41.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.12%			
11) 1,1-Dichloroethene-d2	2.105	63	118241	30.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.58%			
21) 2-Butanone-d5	3.870	46	135189	86.74	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 86.74%			
24) Chloroform-d	4.349	84	150573	37.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 75.52%			
26) 1,2-Dichloroethane-d4	5.034	65	95554	39.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 78.14%			
32) Benzene-d6	5.050	84	325218	41.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.76%			
36) 1,2-Dichloropropane-d6	6.069	67	101391	40.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 81.62%			
41) Toluene-d8	7.317	98	290626	40.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 81.78%			
43) trans-1,3-Dichloroprop...	7.622	79	40679	35.86	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.72%			
47) 2-Hexanone-d5	8.088	63	86627	85.82	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 85.82%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	140790	39.04	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 78.08%			
66) 1,2-Dichlorobenzene-d4	11.625	152	121446	44.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.10%			
Target Compounds						Qvalue
13) Acetone	2.153	43	4774m	3.90	ug/L	
17) trans-1,2-Dichloroethene	2.757	96	28423	14.40	ug/L	94
20) cis-1,2-Dichloroethene	3.915	96	7900	3.76	ug/L	89
29) Cyclohexane	4.677	56	226682	78.37	ug/L	99
33) Benzene	5.098	78	4734490	628.51	ug/L	100
34) Trichloroethene	5.921	95	12584	6.50	ug/L	95
35) Methylcyclohexane	6.133	83	93802	31.43	ug/L #	87
42) Toluene	7.391	91	31342	3.90	ug/L	97
46) Tetrachloroethene	7.976	164	41266	25.87	ug/L	98
52) Ethylbenzene	9.014	91	328206	38.97	ug/L	100
53) m,p-Xylene	9.140	106	56074	17.29	ug/L	100
54) o-Xylene	9.548	106	12469	3.96	ug/L	98
60) Isopropylbenzene	9.934	105	50577	6.70	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	22980	3.69	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	247412	39.40	ug/L	100

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

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