Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111722\
Data File : VV029072.D
Acq On : 17 Nov 2022 18:38
Operator : SY/MD
Sample : N5604-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46C8

Quant Time: Nov 18 01:44:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 01:37:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	203688	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.860	117	220252	5.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	11.246	152	111314	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	58147	4.683	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.600%			
7) Chloroethane-d5	1.587	69	52351	4.796	ug/L	0.02
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.000%			
11) 1,1-Dichloroethene-d2	2.143	63	75260	3.326	ug/L	0.04
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.600%			
20) 2-Butanone-d5	4.027	46	89985	43.289	ug/L	0.13
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.580%			
24) Chloroform-d	4.378	84	129168	5.066	ug/L	0.04
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.400%			
26) 1,2-Dichloroethane-d4	5.056	65	58030	5.059	ug/L	0.03
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.200%			
32) Benzene-d6	5.063	84	242118	3.683	ug/L	0.02
Spiked Amount 5.000	Range 70 - 125		Recovery = 73.600%			
36) 1,2-Dichloropropane-d6	6.066	67	60232	3.281	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 65.600%			
41) Toluene-d8	7.333	98	284899	4.814	ug/L	0.03
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.200%			
43) trans-1,3-Dichloroprop...	7.641	79	19116	3.193	ug/L	0.02
Spiked Amount 5.000	Range 55 - 130		Recovery = 63.800%			
46) 2-Hexanone-d5	8.127	63	99153	38.797	ug/L	0.04
Spiked Amount 50.000	Range 45 - 130		Recovery = 77.600%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	62689	4.925	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.600%			
66) 1,2-Dichlorobenzene-d4	11.619	152	110333	5.540	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.304	62	56234	3.498	ug/L	96
14) Carbon disulfide	2.323	76	10531	0.241	ug/L #	92
17) Methyl tert-butyl Ether	2.812	73	398424	15.071	ug/L	96
18) trans-1,2-Dichloroethene	2.783	96	22601	1.580	ug/L	86
19) 1,1-Dichloroethane	3.211	63	17685	0.756	ug/L	95
22) cis-1,2-Dichloroethene	3.941	96	377294	25.950	ug/L	88
33) Benzene	5.108	78	24122	0.358	ug/L	100
34) Trichloroethene	5.899	95	6678	0.388	ug/L	95
52) Ethylbenzene	9.024	91	2983	0.039	ug/L	86
53) m,p-Xylene	9.146	106	1428	0.047	ug/L	83
62) 1,3,5-Trimethylbenzene	10.535	105	7389	0.121	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	15530	0.253	ug/L	95

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

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