Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
Data File : VV028255.D
Acq On : 01 Oct 2022 03:28
Operator : SY/MD
Sample : N4856-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5H36

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/03/2022
Supervised By :Mahesh Dadoda 10/04/2022

Quant Time: Oct 01 04:28:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 29 01:25:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	224215	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	221108	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	123254	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	62710	2.698	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 54.000%			
7) Chloroethane-d5	1.561	69	62215	3.366	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 67.400%			
11) 1,1-Dichloroethene-d2	2.098	63	93148	2.310	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 46.200%#			
20) 2-Butanone-d5	3.899	46	146507	37.333	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 74.660%			
24) Chloroform-d	4.342	84	146241	3.943	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.800%			
26) 1,2-Dichloroethane-d4	5.040	65	66211	3.751	ug/L	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.000%			
32) Benzene-d6	5.050	84	297999	4.110	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.200%			
36) 1,2-Dichloropropane-d6	6.063	67	91824	4.063	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 81.200%			
41) Toluene-d8	7.310	98	277788	4.233	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.600%			
43) trans-1,3-Dichloroprop...	7.619	79	28677	3.513	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 70.200%			
46) 2-Hexanone-d5	8.085	63	155898	45.752	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.500%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	66267	4.289	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.800%			
66) 1,2-Dichlorobenzene-d4	11.619	152	110674	4.578	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.600%			
Target Compounds						Qvalue
14) Carbon disulfide	2.285	76	7088	0.238	ug/L	100
30) Cyclohexane	4.670	56	1238057	63.010	ug/L	95
33) Benzene	5.079	78	40649428m	662.036	ug/L	
35) Methylcyclohexane	6.124	83	441776	21.077	ug/L	90
42) Toluene	7.381	91	4356824	68.026	ug/L	97
52) Ethylbenzene	9.005	91	17699522m	261.223	ug/L	
53) m,p-Xylene	9.136	106	5606245	215.903	ug/L	89
54) o-Xylene	9.542	106	128023	4.993	ug/L	99
60) Isopropylbenzene	9.927	105	921825	12.742	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	1720892	84.449	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	6923935	121.552	ug/L	100

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

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