Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043769.D
Acq On : 05 Jan 2024 20:27
Operator : MA/JU
Sample : 05953-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFB5

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/08/2024
Supervised By :mohammad ahmed 01/08/2024

Quant Time: Jan 05 23:05:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	226788	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	895388	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	529316	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.362	188	1065348	20.000	ng/ul	0.02
79) Chrysene-d12	21.545	240	1030169	20.000	ng/ul	0.02
88) Perylene-d12	23.968	264	1132759	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	11339	1.625	ng/uL	0.00
4) Pyridine-d5	3.810	84	100514	5.005	ng/ul	0.02
7) Phenol-d5	7.134	99	285601	11.070	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.293	67	173023	10.590	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	227220	11.535	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	225402	11.259	ng/ul	0.01
21) Nitrobenzene-d5	9.134	128	109956	12.693	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	129841	14.506	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	223483	14.143	ng/ul	0.02
31) 4-Chloroaniline-d4	10.945	131	10358m	0.446	ng/ul	0.04
46) Dimethylphthalate-d6	14.022	166	700931	14.710	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	858555	15.189	ng/ul	0.00
54) 4-Nitrophenol-d4	14.845	143	128001	14.193	ng/ul	0.05
60) Fluorene-d10	15.592	176	609873	15.478	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	103772	14.728	ng/ul	0.02
73) Anthracene-d10	17.462	188	936851	15.680	ng/ul	0.02
81) Pyrene-d10	19.756	212	1105166	13.588	ng/ul	0.03
92) Benzo(a)pyrene-d12	23.809	264	1058679	15.145	ng/ul	0.04
Target Compounds						Qvalue
50) Acenaphthylene	14.327	152	83459	1.286	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.233	232	301222	32.299	ng/ul	92
61) Fluorene	15.674	166	70817	1.500	ng/ul#	40
71) Pentachlorophenol	17.039	266	19544516m	2235.766	ng/ul	
72) Phenanthrene	17.404	178	339972	4.708	ng/ul#	84
74) Anthracene	17.498	178	417559	5.730	ng/ul#	86
77) Carbazole	17.774	167	193560	3.112	ng/ul#	53
80) Fluoranthene	19.421	202	195195	1.938	ng/ul#	89
82) Pyrene	19.786	202	1271156	12.277	ng/ul#	95
86) Bis(2-ethylhexyl)phtha...	21.450	149	687077	10.781	ng/ul#	91
87) Chrysene	21.556	228	308937m	3.986	ng/ul	
90) Benzo(b)fluoranthene	23.227	252	98814	1.138	ng/ul#	46

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

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