Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062169.D
Acq On : 22 Jul 2024 20:18
Operator : MA/JU
Sample : P3263-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 22 23:30:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4BB2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	40051	20.000	ng/ul	0.00
20) Naphthalene-d8	10.878	136	170822	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.696	164	152110	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.440	188	387823	20.000	ng/ul	0.00
79) Chrysene-d12	21.699	240	370362	20.000	ng/ul	# 0.00
88) Perylene-d12	24.935	264	395839	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.459	96	3042	3.546	ng/uL	0.00
4) Pyridine-d5	3.887	84	9812	3.148	ng/ul	0.01
7) Phenol-d5	7.242	99	83666	21.219	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.388	67	49887	22.020	ng/ul	0.00
11) 2-Chlorophenol-d4	7.600	132	53996	21.730	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113	67947	22.627	ng/ul	0.00
21) Nitrobenzene-d5	9.233	128	29402	21.604	ng/ul	0.00
24) 2-Nitrophenol-d4	9.956	143	35933	21.936	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.508	165	80939	23.604	ng/ul	0.00
31) 4-Chloroaniline-d4	11.013	131	71124	17.242	ng/ul	0.00
46) Dimethylphthalate-d6	14.091	166	285906	22.175	ng/ul	0.00
49) Acenaphthylene-d8	14.391	160	305234	23.348	ng/ul	0.00
54) 4-Nitrophenol-d4	14.919	143	31618	20.350	ng/ul	0.00
60) Fluorene-d10	15.683	176	265382	24.175	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.807	200	45338	18.396	ng/ul	0.00
73) Anthracene-d10	17.534	188	437602	24.155	ng/ul	0.00
81) Pyrene-d10	19.819	212	471654	22.461	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.712	264	332791	16.818	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.925	128	16567	1.798	ng/ul#	85
52) Acenaphthene	14.755	153	29701	3.139	ng/ul	94
56) Dibenzofuran	15.090	168	24613	1.728	ng/ul	97
61) Fluorene	15.736	166	40463	3.312	ng/ul	99
72) Phenanthrene	17.481	178	605540	32.446	ng/ul	96
74) Anthracene	17.575	178	102708	5.346	ng/ul	97
77) Carbazole	17.845	167	46608	2.853	ng/ul	99
80) Fluoranthene	19.484	202	754908	31.338	ng/ul	99
82) Pyrene	19.848	202	564500	22.537	ng/ul	99
85) Benzo(a)anthracene	21.681	228	343216	13.203	ng/ul	99
87) Chrysene	21.746	228	325361m	13.614	ng/ul	
90) Benzo(b)fluoranthene	23.907	252	330333	13.507	ng/ul	95
91) Benzo(k)fluoranthene	23.966	252	115652m	4.737	ng/ul	
93) Benzo(a)pyrene	24.777	252	126391	5.518	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.624	276	105046m	3.992	ng/ul	
95) Dibenzo(a,h)anthracene	28.666	278	48012m	2.200	ng/ul	

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

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