Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062168.D
Acq On : 22 Jul 2024 19:38
Operator : MA/JU
Sample : P3263-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 22 23:26:44 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 :
A4BA8

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	8.067	152	38966	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	160094	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.693	164	140428	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.437	188	366533	20.000	ng/ul	0.00
79) Chrysene-d12	21.702	240	346872	20.000	ng/ul	0.00
88) Perylene-d12	24.927	264	365641	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.456	96	3426	4.105	ng/uL	0.00
4) Pyridine-d5	3.884	84	16414	5.413	ng/ul	0.00
7) Phenol-d5	7.239	99	81542	21.256	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.386	67	44954	20.395	ng/ul	0.00
11) 2-Chlorophenol-d4	7.597	132	51798	21.426	ng/ul	0.00
15) 4-Methylphenol-d8	8.784	113	63805	21.839	ng/ul	0.00
21) Nitrobenzene-d5	9.236	128	27968	21.927	ng/ul	0.00
24) 2-Nitrophenol-d4	9.953	143	33510	21.828	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.505	165	74654	23.230	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	57920	14.982	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	261896	22.003	ng/ul	0.00
49) Acenaphthylene-d8	14.388	160	282140	23.377	ng/ul	0.00
54) 4-Nitrophenol-d4	14.917	143	31277	21.806	ng/ul	0.00
60) Fluorene-d10	15.680	176	238973	23.580	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	45378	19.481	ng/ul	0.00
73) Anthracene-d10	17.537	188	397752	23.231	ng/ul	0.00
81) Pyrene-d10	19.816	212	434304	22.083	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.709	264	299499	16.386	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.478	178	71132	4.033	ng/ul	100
80) Fluoranthene	19.481	202	137178	6.080	ng/ul	99
82) Pyrene	19.845	202	99190	4.228	ng/ul	98
85) Benzo(a)anthracene	21.678	228	60194	2.472	ng/ul	93
87) Chrysene	21.743	228	64614	2.887	ng/ul	92
90) Benzo(b)fluoranthene	23.904	252	78276	3.465	ng/ul#	94
91) Benzo(k)fluoranthene	23.957	252	28934m	1.283	ng/ul	
93) Benzo(a)pyrene	24.768	252	28986	1.370	ng/ul#	87
94) Indeno(1,2,3-cd)pyrene	28.598	276	29655m	1.220	ng/ul	

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

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