Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062075.D
Acq On : 15 Jul 2024 19:23
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 15 23:44:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4BW9

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/20/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.048	152	40707	20.000	ng/ul		0.00
20) Naphthalene-d8	10.856	136	190350	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.675	164	131687	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.419	188	282690	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.685	240	258918	20.000	ng/ul		0.00
88) Perylene-d12	24.904	264	307958	20.000	ng/ul		0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.441	96	4291m	3.961	ng/uL		0.00
4) Pyridine-d5	3.882	84	5727	1.719	ng/ul		0.02
7) Phenol-d5	7.213	99	114286	25.654	ng/ul		0.02
9) Bis-(2-Chloroethyl)eth...	7.366	67	63442	22.488	ng/ul		0.00
11) 2-Chlorophenol-d4	7.578	132	86395	28.273	ng/ul		0.00
15) 4-Methylphenol-d8	8.759	113	89663	25.563	ng/ul		0.01
21) Nitrobenzene-d5	9.211	128	43675	30.169	ng/ul		0.00
24) 2-Nitrophenol-d4	9.934	143	52523	31.770	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.486	165	102482	32.138	ng/ul		0.02
31) 4-Chloroaniline-d4	10.991	131	19148	4.136	ng/ul		0.00
46) Dimethylphthalate-d6	14.076	166	335830	31.019	ng/ul		0.00
49) Acenaphthylene-d8	14.370	160	382234	33.764	ng/ul		0.00
54) 4-Nitrophenol-d4	14.893	143	40803	23.600	ng/ul		0.02
60) Fluorene-d10	15.668	176	294445	32.306	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.786	200	39295	26.468	ng/ul		0.00
73) Anthracene-d10	17.519	188	439082	33.268	ng/ul		0.00
81) Pyrene-d10	19.805	212	419838	27.568	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.687	264	326144	21.354	ng/ul		0.02
Target Compounds							Qvalue
72) Phenanthrene	17.460	178	92929	6.234	ng/ul		96
74) Anthracene	17.554	178	17710m	1.150	ng/ul		
80) Fluoranthene	19.470	202	215898	11.979	ng/ul	#	92
82) Pyrene	19.834	202	158228	8.499	ng/ul	#	95
85) Benzo(a)anthracene	21.661	228	105072	5.605	ng/ul		93
86) Bis(2-ethylhexyl)phtha...	21.555	149	49663	4.430	ng/ul	#	98
87) Chrysene	21.732	228	118053	6.727	ng/ul		98
90) Benzo(b)fluoranthene	23.882	252	166769	8.595	ng/ul		100
91) Benzo(k)fluoranthene	23.941	252	72578m	3.751	ng/ul		
93) Benzo(a)pyrene	24.746	252	58392	3.178	ng/ul		98
94) Indeno(1,2,3-cd)pyrene	28.571	276	56117m	2.390	ng/ul		

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

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