Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121724\
Data File : BG063713.D
Acq On : 18 Dec 2024 00:56
Operator : RC/JU
Sample : P5155-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28W0

Quant Time: Dec 18 04:57:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	159309	20.000	ng/ul	0.00
20) Naphthalene-d8	10.591	136	679318	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.446	164	516419	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.195	188	1168232	20.000	ng/ul	-0.01
79) Chrysene-d12	21.443	240	1079077	20.000	ng/ul	-0.02
88) Perylene-d12	24.458	264	1161242	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.265	96	10976	2.700	ng/uL	-0.01
4) Pyridine-d5	3.670	84	177281	13.824	ng/ul	-0.02
7) Phenol-d5	6.990	99	259934	17.716	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.137	67	161115	15.899	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.342	132	167803	17.666	ng/ul	0.00
15) 4-Methylphenol-d8	8.523	113	186865	16.404	ng/ul	0.00
21) Nitrobenzene-d5	8.964	128	89616	18.476	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	100614	18.505	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.227	165	200628	19.059	ng/ul	0.00
31) 4-Chloroaniline-d4	10.732	131	185439m	13.874	ng/ul	-0.01
46) Dimethylphthalate-d6	13.852	166	744942	21.199	ng/ul	0.00
49) Acenaphthylene-d8	14.134	160	683026	17.051	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.681	143	81350m	16.339	ng/ul	0.00
60) Fluorene-d10	15.439	176	512395	16.492	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.574	200	23269	3.836	ng/ul	0.00
73) Anthracene-d10	17.295	188	781710	15.564	ng/ul	-0.01
81) Pyrene-d10	19.593	212	773617	13.777	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.252	264	622682	11.419	ng/ul	-0.02
Target Compounds						Qvalue
8) Phenol	7.019	94	23371m	1.495	ng/ul	
30) Naphthalene	10.644	128	51298	1.510	ng/ul#	94
72) Phenanthrene	17.237	178	115731	2.056	ng/ul	97
80) Fluoranthene	19.258	202	261302	4.094	ng/ul	96
82) Pyrene	19.622	202	298716	4.399	ng/ul#	96
85) Benzo(a)anthracene	21.426	228	248343	3.672	ng/ul#	95
87) Chrysene	21.485	228	306252	4.751	ng/ul#	92
90) Benzo(b)fluoranthene	23.512	252	617497	9.356	ng/ul	98
91) Benzo(k)fluoranthene	23.564	252	163989m	2.491	ng/ul	
93) Benzo(a)pyrene	24.317	252	454579	7.338	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	27.854	276	363803	4.809	ng/ul#	90
95) Dibenzo(a,h)anthracene	27.889	278	87276m	1.442	ng/ul	
96) Benzo(g,h,i)perylene	28.923	276	410203m	6.833	ng/ul	

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

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