Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121724\
Data File : BG063710.D
Acq On : 17 Dec 2024 23:03
Operator : RC/JU
Sample : P5155-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28R0

Quant Time: Dec 18 04:03:51 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	162877	20.000	ng/ul	0.00
20) Naphthalene-d8	10.591	136	690108	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.445	164	536644	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.195	188	1185780	20.000	ng/ul	-0.01
79) Chrysene-d12	21.443	240	1095096	20.000	ng/ul	-0.02
88) Perylene-d12	24.457	264	1195386	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	10286m	2.475	ng/uL	-0.01
4) Pyridine-d5	3.676	84	60458	4.611	ng/ul	-0.01
7) Phenol-d5	6.995	99	265900	17.726	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.136	67	155143	14.974	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.342	132	177091	18.235	ng/ul	0.00
15) 4-Methylphenol-d8	8.523	113	201064	17.264	ng/ul	0.00
21) Nitrobenzene-d5	8.958	128	88150	17.890	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.681	143	106034	19.197	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.227	165	216774	20.271	ng/ul	0.00
31) 4-Chloroaniline-d4	10.738	131	82318m	6.063	ng/ul	0.00
46) Dimethylphthalate-d6	13.846	166	737211	20.189	ng/ul	-0.01
49) Acenaphthylene-d8	14.134	160	833224	20.017	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.681	143	88663m	17.137	ng/ul	0.00
60) Fluorene-d10	15.438	176	665138	20.602	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.574	200	46277	7.517	ng/ul	0.00
73) Anthracene-d10	17.295	188	1076618	21.118	ng/ul	-0.01
81) Pyrene-d10	19.592	212	1087281	19.080	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.252	264	819979	14.607	ng/ul	-0.02
Target Compounds						Qvalue
8) Phenol	7.019	94	38244m	2.392	ng/ul	
16) Acetophenone	8.623	105	161058	8.153	ng/ul	90
72) Phenanthrene	17.236	178	284415	4.977	ng/ul	100
80) Fluoranthene	19.258	202	805758	12.440	ng/ul	99
82) Pyrene	19.622	202	586592	8.512	ng/ul	96
85) Benzo(a)anthracene	21.426	228	383242	5.584	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.332	149	36436	1.184	ng/ul#	96
87) Chrysene	21.484	228	406660	6.217	ng/ul	96
90) Benzo(b)fluoranthene	23.505	252	615125	9.054	ng/ul	97
91) Benzo(k)fluoranthene	23.564	252	212020m	3.129	ng/ul	
93) Benzo(a)pyrene	24.316	252	256881	4.028	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	27.853	276	250920	3.222	ng/ul	93
95) Dibenzo(a,h)anthracene	27.894	278	76747m	1.232	ng/ul	

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

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