Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
Data File : BG061306.D
Acq On : 28 May 2024 19:22
Operator : MA/JU
Sample : P2568-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5R5

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

Quant Time: May 28 23:02:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.883	152	28280	20.000	ng/ul	0.00
20) Naphthalene-d8	10.674	136	127594	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.516	164	102152	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.266	188	238666	20.000	ng/ul	0.00
79) Chrysene-d12	21.514	240	245344	20.000	ng/ul	0.00
88) Perylene-d12	24.604	264	275865	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	2778	5.497	ng/uL	0.00
4) Pyridine-d5	3.746	84	45351	25.226	ng/ul	0.00
7) Phenol-d5	7.060	99	72282	31.124	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.213	67	43428	29.751	ng/ul	0.00
11) 2-Chlorophenol-d4	7.419	132	55323	32.188	ng/ul	0.00
15) 4-Methylphenol-d8	8.594	113	65480	33.066	ng/ul	-0.01
21) Nitrobenzene-d5	9.040	128	30897	31.451	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	35377	30.770	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.309	165	73329	32.715	ng/ul	0.00
31) 4-Chloroaniline-d4	10.809	131	87005	29.670	ng/ul	-0.01
46) Dimethylphthalate-d6	13.923	166	257297	32.476	ng/ul	0.00
49) Acenaphthylene-d8	14.211	160	283461	34.414	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	31720m	32.384	ng/ul	0.00
60) Fluorene-d10	15.509	176	231405	33.831	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	40427	28.006	ng/ul	0.00
73) Anthracene-d10	17.366	188	371190	35.277	ng/ul	0.00
81) Pyrene-d10	19.657	212	438700	34.825	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.393	264	476332	35.916	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.727	128	8017	1.190	ng/ul#	92
52) Acenaphthene	14.581	153	11408	1.904	ng/ul	94
61) Fluorene	15.568	166	7703	1.039	ng/ul	99
72) Phenanthrene	17.307	178	154777	13.361	ng/ul	98
74) Anthracene	17.395	178	30343	2.533	ng/ul	97
77) Carbazole	17.665	167	20976	2.153	ng/ul	97
80) Fluoranthene	19.322	202	303920	20.111	ng/ul	99
82) Pyrene	19.687	202	279837	17.839	ng/ul	98
85) Benzo(a)anthracene	21.496	228	192370	11.363	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.408	149	14317	1.795	ng/ul	99
87) Chrysene	21.561	228	185860	11.923	ng/ul	97
90) Benzo(b)fluoranthene	23.629	252	261101	15.897	ng/ul#	99
91) Benzo(k)fluoranthene	23.682	252	105811m	6.346	ng/ul	
93) Benzo(a)pyrene	24.457	252	201049	12.891	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.089	276	139635	7.403	ng/ul	98
95) Dibenzo(a,h)anthracene	28.130	278	37549m	2.414	ng/ul	
96) Benzo(g,h,i)perylene	29.181	276	134199m	8.944	ng/ul	

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

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