Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061490.D
Acq On : 5 Jun 2024 17:15
Operator : MA/JU
Sample : P2623-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 05 18:09:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BHBR4

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	31453	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	116026	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	86295	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	197559	20.000	ng/ul	0.00
79) Chrysene-d12	21.519	240	211646	20.000	ng/ul	0.00
88) Perylene-d12	24.610	264	236275	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	2296m	4.085	ng/uL	0.00
4) Pyridine-d5	3.740	84	26943	13.475	ng/ul	0.00
7) Phenol-d5	7.066	99	53554	20.734	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.207	67	33245	20.478	ng/ul	0.00
11) 2-Chlorophenol-d4	7.412	132	42473	22.219	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	39818	18.079	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	21236	23.772	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	25519	24.409	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	50125	24.593	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131	41815	15.681	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	154921	23.147	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	173335	24.911	ng/ul	0.00
54) 4-Nitrophenol-d4	14.768	143	14062	16.994	ng/ul	0.03
60) Fluorene-d10	15.503	176	133701	23.138	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	17348	14.519	ng/ul	0.02
73) Anthracene-d10	17.359	188	213315	24.491	ng/ul	0.00
81) Pyrene-d10	19.657	212	256178	23.574	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.404	264	274953	24.205	ng/ul	0.02
Target Compounds						Qvalue
30) Naphthalene	10.720	128	7794	1.273	ng/ul	97
52) Acenaphthene	14.574	153	10017	1.979	ng/ul	94
56) Dibenzofuran	14.909	168	13078	1.807	ng/ul	88
61) Fluorene	15.561	166	12601	2.012	ng/ul#	92
72) Phenanthrene	17.306	178	285597	29.785	ng/ul	100
74) Anthracene	17.395	178	55340	5.582	ng/ul	99
77) Carbazole	17.671	167	31834	3.948	ng/ul	99
78) Di-n-butylphthalate	18.223	149	12400	1.227	ng/ul#	95
80) Fluoranthene	19.322	202	499130	38.287	ng/ul	99
82) Pyrene	19.686	202	397743	29.393	ng/ul	98
85) Benzo(a)anthracene	21.502	228	253689	17.372	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.408	149	17196	2.499	ng/ul#	97
87) Chrysene	21.566	228	237228	17.642	ng/ul	97
90) Benzo(b)fluoranthene	23.640	252	298537	21.221	ng/ul	98
91) Benzo(k)fluoranthene	23.693	252	114771m	8.037	ng/ul	
93) Benzo(a)pyrene	24.469	252	199934	14.967	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.129	276	119691	7.409	ng/ul#	93
95) Dibenzo(a,h)anthracene	28.158	278	40429m	3.035	ng/ul	
96) Benzo(g,h,i)perylene	29.216	276	105181m	8.185	ng/ul	

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

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