Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061500.D
Acq On : 6 Jun 2024 00:49
Operator : MA/JU
Sample : P2623-06DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 06 03:42:04 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 :
BHBR1DL

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/06/2024
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	34334	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	137774	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	103456	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	238965	20.000	ng/ul	0.00
79) Chrysene-d12	21.519	240	262653	20.000	ng/ul	0.00
88) Perylene-d12	24.610	264	296368	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.746	84	2672	1.224	ng/ul	0.00
7) Phenol-d5	7.071	99	12311	4.366	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.201	67	7719	4.356	ng/ul	0.00
11) 2-Chlorophenol-d4	7.412	132	10360	4.965	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	10718	4.458	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	5210	4.912	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	5544	4.466	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.315	165	12557	5.188	ng/ul	0.01
31) 4-Chloroaniline-d4	10.814	131	7249	2.289	ng/ul	0.01
46) Dimethylphthalate-d6	13.916	166	40409	5.036	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	44276	5.308	ng/ul	0.00
54) 4-Nitrophenol-d4	14.780	143	2379m	2.398	ng/ul	0.04
60) Fluorene-d10	15.503	176	35717	5.156	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.359	188	58264	5.530	ng/ul	0.00
81) Pyrene-d10	19.657	212	65156	4.831	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.398	264	58363	4.096	ng/ul	0.01
Target Compounds						Qvalue
30) Naphthalene	10.720	128	10193	1.402	ng/ul	97
52) Acenaphthene	14.574	153	10164	1.675	ng/ul	94
56) Dibenzofuran	14.909	168	16063	1.851	ng/ul	98
61) Fluorene	15.562	166	16706	2.225	ng/ul	89
72) Phenanthrene	17.307	178	332624	28.679	ng/ul	97
74) Anthracene	17.395	178	67767	5.651	ng/ul	100
77) Carbazole	17.671	167	33893	3.475	ng/ul	99
80) Fluoranthene	19.322	202	567864	35.100	ng/ul	99
82) Pyrene	19.686	202	380148	22.637	ng/ul	97
85) Benzo(a)anthracene	21.502	228	297748	16.429	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.402	149	11374	1.332	ng/ul	93
87) Chrysene	21.560	228	266097	15.946	ng/ul	97
90) Benzo(b)fluoranthene	23.634	252	330346	18.721	ng/ul	98
91) Benzo(k)fluoranthene	23.693	252	129765m	7.244	ng/ul	
93) Benzo(a)pyrene	24.463	252	134092	8.003	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	28.129	276	98823m	4.877	ng/ul	
95) Dibenzo(a,h)anthracene	28.153	278	36875m	2.207	ng/ul	

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

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