Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061430.D
Acq On : 3 Jun 2024 19:33
Operator : MA/JU
Sample : P2577-09DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN7DL

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 04 01:16:44 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.877	152	34890	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	122272	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	108954	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188	270792m	20.000	ng/ul	0.00
79) Chrysene-d12	21.514	240	291767	20.000	ng/ul	0.00
88) Perylene-d12	24.604	264	341232	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.060	99	12568	4.386	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	8000	4.442	ng/ul	0.00
11) 2-Chlorophenol-d4	7.418	132	10108	4.767	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	10210	4.179	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	5274	5.602	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	5742	5.212	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	10602	4.936	ng/ul	0.00
31) 4-Chloroaniline-d4	10.803	131	6125	2.180	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166	43046	5.094	ng/ul	0.00
49) Acenaphthylene-d8	14.205	160	47178	5.370	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	2622m	2.510	ng/ul	0.03
60) Fluorene-d10	15.503	176	39788	5.454	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.360	188	68344	5.725	ng/ul	0.00
81) Pyrene-d10	19.651	212	86577	5.779	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.393	264	94172	5.740	ng/ul	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.575	153	9973	1.561	ng/ul#	92
56) Dibenzofuran	14.910	168	9769	1.069	ng/ul	90
61) Fluorene	15.562	166	13264	1.678	ng/ul	85
72) Phenanthrene	17.307	178	261703m	19.912	ng/ul	
74) Anthracene	17.395	178	51484	3.789	ng/ul	98
77) Carbazole	17.665	167	22875m	2.070	ng/ul	
80) Fluoranthene	19.322	202	436363	24.281	ng/ul	99
82) Pyrene	19.680	202	385914	20.687	ng/ul	100
85) Benzo(a)anthracene	21.496	228	220963	10.976	ng/ul	98
87) Chrysene	21.561	228	219918	11.864	ng/ul	97
90) Benzo(b)fluoranthene	23.629	252	266791	13.132	ng/ul	97
91) Benzo(k)fluoranthene	23.688	252	92025m	4.462	ng/ul	
93) Benzo(a)pyrene	24.457	252	194516	10.083	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.106	276	123637m	5.299	ng/ul	
95) Dibenzo(a,h)anthracene	28.147	278	37273m	1.938	ng/ul	
96) Benzo(g,h,i)perylene	29.193	276	107346m	5.784	ng/ul	

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

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