Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061517.D
Acq On : 6 Jun 2024 19:46
Operator : MA/JU
Sample : P2623-11DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBR6DL

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 06 22:57:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	37198	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	130542	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.509	164	91427	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.259	188	209177	20.000	ng/ul	0.00
79) Chrysene-d12	21.519	240	229453	20.000	ng/ul	0.00
88) Perylene-d12	24.609	264	265285	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	3.769	84	3809	1.611	ng/ul	0.00
7) Phenol-d5	7.071	99	14423	4.722	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.206	67	9594	4.997	ng/ul	0.00
11) 2-Chlorophenol-d4	7.424	132	12327	5.453	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	10034	3.852	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	6241	6.209	ng/ul	0.00
24) 2-Nitrophenol-d4	9.756	143	7063	6.004	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.314	165	13719	5.982	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131	7615	2.538	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	43538	6.140	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	45657	6.193	ng/ul	0.00
54) 4-Nitrophenol-d4	14.768	143	3515	4.010	ng/ul	0.01
60) Fluorene-d10	15.502	176	37706	6.159	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	3848	3.042	ng/ul	0.00
73) Anthracene-d10	17.359	188	60622	6.574	ng/ul	0.00
81) Pyrene-d10	19.656	212	69140	5.869	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.398	264	61430	4.817	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.714	128	10211	1.482	ng/ul	96
52) Acenaphthene	14.574	153	12690	2.366	ng/ul	90
56) Dibenzofuran	14.909	168	17989	2.346	ng/ul	96
61) Fluorene	15.561	166	16604	2.503	ng/ul	91
72) Phenanthrene	17.306	178	325547	32.065	ng/ul	97
74) Anthracene	17.394	178	71730	6.833	ng/ul	98
77) Carbazole	17.670	167	30123	3.528	ng/ul	98
80) Fluoranthene	19.321	202	495003	35.024	ng/ul	99
82) Pyrene	19.686	202	330600	22.535	ng/ul	98
85) Benzo(a)anthracene	21.501	228	244985	15.474	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.407	149	15303	2.051	ng/ul#	98
87) Chrysene	21.566	228	214464	14.711	ng/ul	98
90) Benzo(b)fluoranthene	23.634	252	268306	16.987	ng/ul	98
91) Benzo(k)fluoranthene	23.693	252	93868m	5.854	ng/ul	
93) Benzo(a)pyrene	24.462	252	108618	7.242	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.117	276	88448	4.877	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.158	278	32529m	2.175	ng/ul	

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

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