Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061415.D
Acq On : 1 Jun 2024 6:32
Operator : MA/JU
Sample : P2549-23DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 02 23:04:04 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 :
BHBN1DL

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.870	152	28829	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	120836	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.509	164	99915	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.259	188	238111	20.000	ng/ul	0.00
79) Chrysene-d12	21.513	240	242284	20.000	ng/ul	0.00
88) Perylene-d12	24.603	264	283762	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	3.734	84	5387	2.939	ng/ul	0.00
7) Phenol-d5	7.059	99	10495	4.433	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.200	67	6319	4.247	ng/ul	0.00
11) 2-Chlorophenol-d4	7.412	132	7449	4.251	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	7623	3.776	ng/ul	0.00
21) Nitrobenzene-d5	9.027	128	3883	4.174	ng/ul	0.00
24) 2-Nitrophenol-d4	9.750	143	4605	4.229	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.302	165	10344	4.873	ng/ul	0.00
31) 4-Chloroaniline-d4	10.802	131	4188	1.508	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	34298	4.426	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	37745	4.685	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	2806	2.929	ng/ul	0.02
60) Fluorene-d10	15.502	176	31100	4.648	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	1948	1.353	ng/ul	0.01
73) Anthracene-d10	17.359	188	52197m	4.972	ng/ul	0.00
81) Pyrene-d10	19.650	212	61754	4.964	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.386	264	65173	4.777	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.720	128	10546	1.654	ng/ul	98
36) 2-Methylnaphthalene	12.329	142	4929	1.066	ng/ul	99
50) Acenaphthylene	14.233	152	16333m	1.828	ng/ul	
52) Acenaphthene	14.568	153	10395	1.774	ng/ul	94
56) Dibenzofuran	14.909	168	17090	2.040	ng/ul	98
61) Fluorene	15.555	166	18403	2.538	ng/ul	96
72) Phenanthrene	17.300	178	375705	32.509	ng/ul	99
74) Anthracene	17.394	178	61830	5.174	ng/ul	96
77) Carbazole	17.664	167	34184	3.517	ng/ul	99
80) Fluoranthene	19.321	202	656712	44.005	ng/ul	99
82) Pyrene	19.680	202	556393	35.918	ng/ul	99
85) Benzo(a)anthracene	21.495	228	330123	19.747	ng/ul	98
87) Chrysene	21.560	228	358941	23.318	ng/ul	95
90) Benzo(b)fluoranthene	23.628	252	446066	26.402	ng/ul	100
91) Benzo(k)fluoranthene	23.687	252	162173m	9.455	ng/ul	
93) Benzo(a)pyrene	24.456	252	304384	18.973	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.111	276	203769	10.503	ng/ul	95
95) Dibenzo(a,h)anthracene	28.146	278	57266m	3.580	ng/ul	
96) Benzo(g,h,i)perylene	29.204	276	180893	11.720	ng/ul	95

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

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