Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061284.D
Acq On : 24 May 2024 12:27
Operator : MA/JU
Sample : P2548-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y1

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

Quant Time: May 25 00:12:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.884	152	23799	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	104371	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.517	164	90321	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.267	188	218938	20.000	ng/ul	0.00
79) Chrysene-d12	21.515	240	220867	20.000	ng/ul	0.00
88) Perylene-d12	24.600	264	248094	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	435m	1.023	ng/uL	0.00
4) Pyridine-d5	3.748	84	2439	1.612	ng/ul	0.00
7) Phenol-d5	7.061	99	18448	9.439	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.214	67	11652	9.485	ng/ul	0.00
11) 2-Chlorophenol-d4	7.426	132	15150	10.474	ng/ul	0.00
15) 4-Methylphenol-d8	8.601	113	14749	8.850	ng/ul	0.00
21) Nitrobenzene-d5	9.036	128	8062	10.033	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.764	143	8750	9.304	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	17864	9.743	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	18308	7.633	ng/ul	0.00
46) Dimethylphthalate-d6	13.924	166	66917	9.553	ng/ul	0.00
49) Acenaphthylene-d8	14.212	160	71345	9.796	ng/ul	0.00
54) 4-Nitrophenol-d4	14.746	143	6118	7.064	ng/ul	0.00
60) Fluorene-d10	15.510	176	60634	10.026	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	8933	6.746	ng/ul	0.00
73) Anthracene-d10	17.367	188	101487	10.514	ng/ul	0.00
81) Pyrene-d10	19.658	212	119407	10.529	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.388	264	124650	10.451	ng/ul	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.582	153	9010	1.701	ng/ul	92
56) Dibenzofuran	14.917	168	8043	1.062	ng/ul	88
61) Fluorene	15.569	166	10225	1.560	ng/ul#	98
72) Phenanthrene	17.308	178	216903	20.412	ng/ul	99
74) Anthracene	17.396	178	38602	3.513	ng/ul	99
77) Carbazole	17.672	167	26376	2.951	ng/ul	100
80) Fluoranthene	19.323	202	356723	26.221	ng/ul	100
82) Pyrene	19.688	202	290448	20.568	ng/ul	99
85) Benzo(a)anthracene	21.497	228	180324	11.832	ng/ul	98
87) Chrysene	21.562	228	175226	12.487	ng/ul	97
90) Benzo(b)fluoranthene	23.630	252	224156	15.175	ng/ul	98
91) Benzo(k)fluoranthene	23.689	252	76689m	5.114	ng/ul	
93) Benzo(a)pyrene	24.459	252	152947	10.904	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.096	276	99778	5.882	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.131	278	30318m	2.168	ng/ul	
96) Benzo(g,h,i)perylene	29.188	276	95286m	7.061	ng/ul	

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

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