Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061477.D
Acq On : 5 Jun 2024 6:36
Operator : MA/JU
Sample : P2549-13DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH629DL

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 05 07:11:06 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	7.875	152	36075	20.000	ng/ul	0.00
20) Naphthalene-d8	10.666	136	140548	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.509	164	105578	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.264	188	245182	20.000	ng/ul	0.00
79) Chrysene-d12	21.518	240	260194	20.000	ng/ul	0.00
88) Perylene-d12	24.609	264	308389	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	1390	2.156	ng/uL	0.00
4) Pyridine-d5	3.739	84	14619	6.375	ng/ul	0.00
7) Phenol-d5	7.065	99	27387	9.245	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.200	67	17169	9.220	ng/ul	0.00
11) 2-Chlorophenol-d4	7.417	132	23051	10.514	ng/ul	0.00
15) 4-Methylphenol-d8	8.592	113	25173	9.965	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	12451	11.506	ng/ul	0.00
24) 2-Nitrophenol-d4	9.750	143	13914	10.987	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	28284	11.456	ng/ul	0.00
31) 4-Chloroaniline-d4	10.801	131	21443	6.638	ng/ul	0.00
46) Dimethylphthalate-d6	13.915	166	93201	11.382	ng/ul	0.00
49) Acenaphthylene-d8	14.203	160	102328	12.020	ng/ul	0.00
54) 4-Nitrophenol-d4	14.761	143	7706m	7.612	ng/ul	0.02
60) Fluorene-d10	15.502	176	77972	11.029	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.654	200	8679	5.853	ng/ul	0.02
73) Anthracene-d10	17.358	188	127678	11.812	ng/ul	0.00
81) Pyrene-d10	19.656	212	157935	11.822	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.397	264	175078	11.809	ng/ul	0.01
Target Compounds						Qvalue
52) Acenaphthene	14.573	153	12719	2.054	ng/ul	97
56) Dibenzofuran	14.908	168	10777	1.217	ng/ul	96
61) Fluorene	15.560	166	12882	1.682	ng/ul	95
72) Phenanthrene	17.305	178	308014	25.883	ng/ul	98
74) Anthracene	17.394	178	59728	4.854	ng/ul	97
77) Carbazole	17.664	167	26632	2.661	ng/ul	96
80) Fluoranthene	19.321	202	555819	34.681	ng/ul	99
82) Pyrene	19.685	202	486928	29.270	ng/ul	99
83) Butylbenzylphthalate	20.572	149	6190	1.083	ng/ul	97
85) Benzo(a)anthracene	21.501	228	290647	16.189	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.407	149	19011	2.247	ng/ul#	96
87) Chrysene	21.559	228	274758	16.620	ng/ul	97
90) Benzo(b)fluoranthene	23.639	252	365112	19.885	ng/ul	99
91) Benzo(k)fluoranthene	23.686	252	117026m	6.278	ng/ul	
93) Benzo(a)pyrene	24.462	252	253954	14.565	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.116	276	170723m	8.097	ng/ul	
95) Dibenzo(a,h)anthracene	28.152	278	42532	2.446	ng/ul#	94
96) Benzo(g,h,i)perylene	29.215	276	158218m	9.433	ng/ul	

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

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