Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052324\
Data File : BG061275.D
Acq On : 23 May 2024 17:29
Operator : MA/JU
Sample : P2547-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5X6

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024

Quant Time: May 24 01:23:09 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	17592	20.000	ng/ul	0.00
20) Naphthalene-d8	10.680	136	80000	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.517	164	68486	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.267	188	184619	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.520	240	185386	20.000	ng/ul	0.00
88) Perylene-d12	24.599	264	206625	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.342	96	878	2.793	ng/uL	0.00
4) Pyridine-d5	3.747	84	11305	10.109	ng/ul	0.00
7) Phenol-d5	7.067	99	21474	14.864	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.214	67	15631	17.214	ng/ul	0.00
11) 2-Chlorophenol-d4	7.425	132	17787	16.636	ng/ul	0.00
15) 4-Methylphenol-d8	8.600	113	19462	15.799	ng/ul	0.00
21) Nitrobenzene-d5	9.041	128	10108	16.411	ng/ul	0.00
24) 2-Nitrophenol-d4	9.764	143	12074	16.749	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	22430	15.961	ng/ul	0.00
31) 4-Chloroaniline-d4	10.815	131	26825	14.590	ng/ul	0.00
46) Dimethylphthalate-d6	13.923	166	99323	18.699	ng/ul	0.00
49) Acenaphthylene-d8	14.211	160	101966	18.465	ng/ul	0.00
54) 4-Nitrophenol-d4	14.752	143	10749m	16.368	ng/ul	0.00
60) Fluorene-d10	15.516	176	91702	19.997	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	15699	14.059	ng/ul	0.00
73) Anthracene-d10	17.367	188	162444	19.958	ng/ul	0.00
81) Pyrene-d10	19.658	212	202190	21.241	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.394	264	202982	20.434	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.308	178	46261	5.163	ng/ul	99
74) Anthracene	17.402	178	9353	1.010	ng/ul	93
80) Fluoranthene	19.323	202	91645	8.026	ng/ul	99
82) Pyrene	19.687	202	80418	6.785	ng/ul	99
85) Benzo(a)anthracene	21.497	228	47234	3.693	ng/ul	94
87) Chrysene	21.562	228	43257	3.673	ng/ul	96
90) Benzo(b)fluoranthene	23.630	252	52264	4.248	ng/ul#	97
91) Benzo(k)fluoranthene	23.683	252	21244m	1.701	ng/ul	
93) Benzo(a)pyrene	24.458	252	40887	3.500	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	28.095	276	29019m	2.054	ng/ul	
96) Benzo(g,h,i)perylene	29.176	276	26090m	2.321	ng/ul	

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

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