Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
Data File : BG061313.D
Acq On : 29 May 2024 00:09
Operator : MA/JU
Sample : P2568-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH640

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

Quant Time: May 29 00:46:58 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	7.883	152	25633	20.000	ng/ul	0.00
20) Naphthalene-d8	10.674	136	109277	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.517	164	84869	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.266	188	187101	20.000	ng/ul	0.00
79) Chrysene-d12	21.514	240	194954	20.000	ng/ul	0.00
88) Perylene-d12	24.599	264	220512	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.342	96	3067	6.696	ng/uL	0.00
4) Pyridine-d5	3.747	84	49131	30.151	ng/ul	0.00
7) Phenol-d5	7.067	99	70835	33.651	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.213	67	43495	32.874	ng/ul	0.00
11) 2-Chlorophenol-d4	7.419	132	55670	35.735	ng/ul	0.00
15) 4-Methylphenol-d8	8.600	113	63566	35.415	ng/ul	0.00
21) Nitrobenzene-d5	9.041	128	30648	36.427	ng/ul	0.00
24) 2-Nitrophenol-d4	9.758	143	35503	36.056	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.310	165	70563	36.758	ng/ul	0.00
31) 4-Chloroaniline-d4	10.815	131	85914	34.209	ng/ul	0.00
46) Dimethylphthalate-d6	13.923	166	245189	37.250	ng/ul	0.00
49) Acenaphthylene-d8	14.211	160	272995	39.893	ng/ul	0.00
54) 4-Nitrophenol-d4	14.746	143	29994	36.858	ng/ul	0.00
60) Fluorene-d10	15.510	176	215511	37.923	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	36526	32.277	ng/ul	0.00
73) Anthracene-d10	17.366	188	329076	39.894	ng/ul	0.00
81) Pyrene-d10	19.658	212	401265	40.086	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.393	264	444574	41.936	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.308	178	23522	2.590	ng/ul	96
80) Fluoranthene	19.323	202	66325	5.523	ng/ul	98
82) Pyrene	19.681	202	60635	4.865	ng/ul	98
85) Benzo(a)anthracene	21.497	228	37277	2.771	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.409	149	18656	2.943	ng/ul#	97
87) Chrysene	21.555	228	37120	2.997	ng/ul	99
90) Benzo(b)fluoranthene	23.635	252	50793m	3.869	ng/ul	
91) Benzo(k)fluoranthene	23.688	252	15279	1.146	ng/ul	99
93) Benzo(a)pyrene	24.458	252	34304	2.752	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	28.089	276	25953m	1.721	ng/ul	
96) Benzo(g,h,i)perylene	29.188	276	22900m	1.909	ng/ul	

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

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