Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061625.D
Acq On : 21 Jun 2024 18:14
Operator : MA/JU
Sample : P2754-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 21 22:09:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4BP6

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	61856	20.000	ng/ul	0.00
20) Naphthalene-d8	10.884	136	287621	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	199368	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.441	188	456179	20.000	ng/ul	0.00
79) Chrysene-d12	21.707	240	400139	20.000	ng/ul	0.00
88) Perylene-d12	24.933	264	476685	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.470	96	9886	5.773	ng/uL	0.00
4) Pyridine-d5	3.893	84	24069	4.649	ng/ul	0.00
7) Phenol-d5	7.212	99	184947	27.542	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.400	67	120815	28.861	ng/ul	0.00
11) 2-Chlorophenol-d4	7.600	132	136505	29.623	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	122244	23.548	ng/ul	0.00
21) Nitrobenzene-d5	9.239	128	65144	33.357	ng/ul	0.00
24) 2-Nitrophenol-d4	9.962	143	73144	36.980	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.491	165	154676	33.026	ng/ul	0.00
31) 4-Chloroaniline-d4	11.020	131	47378	6.682	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	542840	35.382	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	612484	36.428	ng/ul	0.00
54) 4-Nitrophenol-d4	14.868	143	82962	31.486	ng/ul	0.00
60) Fluorene-d10	15.691	176	495165	36.867	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.790	200	64396	33.013	ng/ul	0.00
73) Anthracene-d10	17.541	188	747405	35.894	ng/ul	0.00
81) Pyrene-d10	19.821	212	752792	33.681	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.715	264	582645	25.592	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.899	105	18049	2.112	ng/ul	95
72) Phenanthrene	17.483	178	266884	11.120	ng/ul	98
74) Anthracene	17.577	178	43898	1.789	ng/ul	97
77) Carbazole	17.841	167	28890	1.386	ng/ul#	96
80) Fluoranthene	19.486	202	629645	24.279	ng/ul	100
82) Pyrene	19.850	202	465871	16.895	ng/ul	99
85) Benzo(a)anthracene	21.689	228	277404	9.876	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.613	149	120846	8.188	ng/ul	96
87) Chrysene	21.754	228	330353	12.430	ng/ul	100
90) Benzo(b)fluoranthene	23.910	252	477619	16.668	ng/ul#	97
91) Benzo(k)fluoranthene	23.969	252	151398	5.137	ng/ul#	94
93) Benzo(a)pyrene	24.780	252	173421	6.286	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.605	276	173649m	5.051	ng/ul	
95) Dibenzo(a,h)anthracene	28.681	278	62395m	2.183	ng/ul	
96) Benzo(g,h,i)perylene	29.745	276	29802m	1.075	ng/ul	

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

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