Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018924.D
Acq On : 19 Dec 2023 00:58
Operator : MA/JU
Sample : 05794-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 19 02:21:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 23:34:47 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
BGRG1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	227091	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	781131	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	439654	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	997714	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1060030	20.000	ng/ul	0.00
88) Perylene-d12	23.680	264	1318677	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	15220	2.284	ng/uL	0.00
4) Pyridine-d5	3.687	84	26469	1.483	ng/ul	0.01
7) Phenol-d5	7.011	99	236422	10.374	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.169	67	149185	11.045	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	199292	11.207	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	131173	7.112	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	93901	13.506	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	97178	13.482	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	178831	12.133	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	119696	6.214	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	503897	12.842	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	605704	14.018	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	49704	7.717	ng/ul	0.02
60) Fluorene-d10	15.457	176	464233	14.094	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	28053	4.689	ng/ul	0.00
73) Anthracene-d10	17.310	188	754306	14.381	ng/ul	0.00
81) Pyrene-d10	19.551	212	1002577	12.150	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.521	264	1080329	14.051	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.657	105	76740	2.792	ng/ul	99
50) Acenaphthylene	14.187	152	51292	1.056	ng/ul	94
61) Fluorene	15.510	166	37764	1.069	ng/ul#	96
72) Phenanthrene	17.257	178	775249	12.866	ng/ul	100
74) Anthracene	17.345	178	198208	3.282	ng/ul	99
77) Carbazole	17.622	167	67301	1.398	ng/ul	96
80) Fluoranthene	19.228	202	1480214	15.176	ng/ul	96
82) Pyrene	19.580	202	1556450	15.818	ng/ul	96
85) Benzo(a)anthracene	21.292	228	911388	10.592	ng/ul	97
87) Chrysene	21.345	228	918604	11.594	ng/ul	98
90) Benzo(b)fluoranthene	22.957	252	1124987	11.571	ng/ul	97
91) Benzo(k)fluoranthene	22.998	252	353575m	3.759	ng/ul	
93) Benzo(a)pyrene	23.568	252	826183	9.300	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.133	276	568222	5.353	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.145	278	165354	1.873	ng/ul#	87
96) Benzo(g,h,i)perylene	26.892	276	221271	2.590	ng/ul	93

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

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