Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018908.D
Acq On : 18 Dec 2023 15:52
Operator : MA/JU
Sample : 05794-07DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 18 23:22:16 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 :
BH3Q1DL

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	288179	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	1024404	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	573797	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	1219772	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1248175	20.000	ng/ul	0.00
88) Perylene-d12	23.674	264	1514221	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	3139	0.371	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.005	99	54680	1.891	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	30701	1.791	ng/ul	0.00
11) 2-Chlorophenol-d4	7.364	132	42555	1.886	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	34258	1.464	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	18572	2.037	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	20054	2.121	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	47137	2.439	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	19972	0.791	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	147173	2.874	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	163549	2.900	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	11438	1.361	ng/ul	0.01
60) Fluorene-d10	15.451	176	131076	3.049	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	4545	0.621	ng/ul	0.00
73) Anthracene-d10	17.310	188	209927	3.274	ng/ul	0.00
81) Pyrene-d10	19.551	212	268965	2.768	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.516	264	283939	3.216	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.658	105	78851	2.261	ng/ul	98
52) Acenaphthene	14.522	153	52218	1.246	ng/ul	94
61) Fluorene	15.510	166	75919	1.647	ng/ul#	99
72) Phenanthrene	17.251	178	1211438	16.444	ng/ul	99
74) Anthracene	17.345	178	304778	4.127	ng/ul	99
77) Carbazole	17.622	167	116288	1.976	ng/ul	99
80) Fluoranthene	19.228	202	1898497m	16.531	ng/ul	
82) Pyrene	19.581	202	1716335	14.814	ng/ul#	93
85) Benzo(a)anthracene	21.292	228	895883	8.843	ng/ul	99
87) Chrysene	21.339	228	835458	8.955	ng/ul	97
90) Benzo(b)fluoranthene	22.951	252	1089546	9.759	ng/ul	98
91) Benzo(k)fluoranthene	22.998	252	426613m	3.949	ng/ul	
93) Benzo(a)pyrene	23.569	252	830462	8.141	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.127	276	616931	5.062	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.139	278	159369	1.572	ng/ul#	93
96) Benzo(g,h,i)perylene	26.886	276	381516	3.889	ng/ul	94

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

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