Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018947.D
Acq On : 19 Dec 2023 14:33
Operator : MA/JU
Sample : 05794-14DL 2X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Dec 20 01:20:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 19 05:28:03 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
BH3Q9DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/20/2023
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	226881	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	870554	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	556745	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	1324091	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	1319820	20.000	ng/ul	# 0.00
88) Perylene-d12	23.674	264	1577373	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	11068	1.662	ng/uL	0.00
4) Pyridine-d5	3.687	84	14964	0.839	ng/ul	0.00
7) Phenol-d5	7.005	99	195546	8.589	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.163	67	111036	8.228	ng/ul	0.00
11) 2-Chlorophenol-d4	7.358	132	156410	8.804	ng/ul	-0.01
15) 4-Methylphenol-d8	8.546	113	139709	7.582	ng/ul	-0.01
21) Nitrobenzene-d5	8.987	128	74425	9.605	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.710	143	79982	9.957	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	158281	9.636	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	127389	5.934	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	480676	9.674	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	569726	10.413	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	43853	5.376	ng/ul	0.00
60) Fluorene-d10	15.451	176	454242	10.891	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.310	188	745112	10.704	ng/ul	0.00
81) Pyrene-d10	19.551	212	938020	9.130	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.521	264	948054	10.308	ng/ul	-0.01
Target Compounds						Qvalue
16) Acetophenone	8.658	105	57799	2.105	ng/ul	96
30) Naphthalene	10.675	128	257890	4.883	ng/ul	99
36) 2-Methylnaphthalene	12.287	142	64456	1.723	ng/ul	97
37) 1-Methylnaphthalene	12.504	142	50826	1.345	ng/ul#	97
50) Acenaphthylene	14.181	152	150890	2.453	ng/ul	99
52) Acenaphthene	14.528	153	168301	4.138	ng/ul	97
56) Dibenzofuran	14.857	168	187201	3.311	ng/ul	98
61) Fluorene	15.510	166	194801	4.355	ng/ul	98
72) Phenanthrene	17.257	178	3352823	41.927	ng/ul	100
74) Anthracene	17.345	178	711162	8.872	ng/ul	99
77) Carbazole	17.622	167	291455	4.562	ng/ul	99
80) Fluoranthene	19.228	202	4778794	39.351	ng/ul	96
82) Pyrene	19.580	202	4469356	36.481	ng/ul	95
85) Benzo(a)anthracene	21.292	228	2053944	19.173	ng/ul	98
87) Chrysene	21.345	228	2001562	20.289	ng/ul	97
90) Benzo(b)fluoranthene	22.957	252	2536581	21.810	ng/ul	98
91) Benzo(k)fluoranthene	22.998	252	827049m	7.350	ng/ul	
93) Benzo(a)pyrene	23.574	252	1882187m	17.712	ng/ul	
94) Indeno(1,2,3-cd)pyrene	26.133	276	1259406	9.919	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.139	278	315778	2.990	ng/ul#	78
96) Benzo(g,h,i)perylene	26.892	276	504684	4.939	ng/ul	96

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