Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018946.D
Acq On : 19 Dec 2023 13:59
Operator : MA/JU
Sample : 05794-09DL 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Quant Time: Dec 20 00:27:52 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 :
BH3Q3DL

Manual Integrations APPROVED

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

12/20/2023
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12/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	220740	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	756497	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	437656	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	1035325	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1130382	20.000	ng/ul	-0.01
88) Perylene-d12	23.674	264	1362496	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	3876	0.598	ng/uL	0.00
4) Pyridine-d5	3.670	84	208	0.012	ng/ul	-0.01
7) Phenol-d5	7.005	99	52801	2.384	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.164	67	33580	2.558	ng/ul	0.00
11) 2-Chlorophenol-d4	7.358	132	45174	2.613	ng/ul	-0.01
15) 4-Methylphenol-d8	8.546	113	31775	1.772	ng/ul	-0.01
21) Nitrobenzene-d5	8.993	128	19960	2.964	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	18797	2.693	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	39952	2.799	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	23534	1.262	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	116456	2.981	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	136619	3.176	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.693	143	8786m	1.370	ng/ul	0.00
60) Fluorene-d10	15.451	176	110954	3.384	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.310	188	188317	3.460	ng/ul	0.00
81) Pyrene-d10	19.551	212	253963	2.886	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.516	264	269312	3.390	ng/ul	-0.02
Target Compounds						Qvalue
16) Acetophenone	8.658	105	54390	2.036	ng/ul	99
30) Naphthalene	10.669	128	60123	1.310	ng/ul	99
36) 2-Methylnaphthalene	12.281	142	35224	1.083	ng/ul	93
37) 1-Methylnaphthalene	12.504	142	39006	1.188	ng/ul	97
50) Acenaphthylene	14.181	152	165359	3.419	ng/ul	99
52) Acenaphthene	14.522	153	71858	2.247	ng/ul	98
56) Dibenzofuran	14.857	168	142533	3.207	ng/ul	99
61) Fluorene	15.510	166	80073	2.277	ng/ul	100
72) Phenanthrene	17.257	178	2656881	42.490	ng/ul	99
74) Anthracene	17.345	178	556554	8.880	ng/ul	100
77) Carbazole	17.622	167	158080	3.165	ng/ul	99
80) Fluoranthene	19.228	202	3581653	34.436	ng/ul	96
82) Pyrene	19.581	202	3055020	29.116	ng/ul	94
85) Benzo(a)anthracene	21.292	228	1687892	18.396	ng/ul	98
87) Chrysene	21.339	228	1458669	17.264	ng/ul	98
90) Benzo(b)fluoranthene	22.951	252	1711071	17.033	ng/ul	97
91) Benzo(k)fluoranthene	22.992	252	638447	6.568	ng/ul	96
93) Benzo(a)pyrene	23.569	252	1261721	13.745	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.133	276	802697	7.319	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.133	278	218817	2.398	ng/ul#	78
96) Benzo(g,h,i)perylene	26.886	276	494807	5.606	ng/ul	95

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