Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
Data File : BF140779.D
Acq On : 06 Dec 2024 20:44
Operator : RC/JU
Sample : P5112-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
10TH-ST-SOIL

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024

Quant Time: Dec 06 21:57:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	61702	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	221938	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	107610	20.000	ng		-0.01
64) Phenanthrene-d10	11.398	188	161573	20.000	ng		0.00
76) Chrysene-d12	14.051	240	131775	20.000	ng		0.00
86) Perylene-d12	15.557	264	112962	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	520477	143.924	ng		0.00
7) Phenol-d6	6.516	99	653776	136.749	ng		0.00
23) Nitrobenzene-d5	7.434	82	420932	97.013	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	140299	121.904	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	751469	104.047	ng		-0.01
79) Terphenyl-d14	12.980	244	662960	78.339	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.169	128	51787	4.530	ng		100
37) 2-Methylnaphthalene	8.863	142	23857	3.286	ng		97
38) 1-Methylnaphthalene	8.963	142	27231	3.826	ng		96
49) Acenaphthylene	9.769	152	35014	3.807	ng		99
52) Acenaphthene	9.933	154	66288	11.342	ng		99
55) Dibenzofuran	10.110	168	59173	6.638	ng		98
58) Fluorene	10.451	166	78388	10.955	ng		98
71) Phenanthrene	11.422	178	955080	122.972	ng		100
72) Anthracene	11.475	178	230809	30.381	ng		99
73) Carbazole	11.633	167	79656	10.899	ng		99
75) Fluoranthene	12.622	202	1279556	151.739	ng		99
78) Pyrene	12.851	202	1134505	93.112	ng		99
81) Benzo(a)anthracene	14.045	228	642842	73.695	ng		96
83) Chrysene	14.080	228	479782	60.152	ng		97
84) Bis(2-ethylhexyl)phtha...	14.010	149	35639	6.430	ng	#	94
87) Indeno(1,2,3-cd)pyrene	17.074	276	161253	21.905	ng		95
88) Benzo(b)fluoranthene	15.121	252	516140m	72.744	ng		
89) Benzo(k)fluoranthene	15.133	252	219447m	35.343	ng		
90) Benzo(a)pyrene	15.498	252	356914	61.867	ng		97
91) Dibenzo(a,h)anthracene	17.074	278	41901	6.950	ng	#	80
92) Benzo(g,h,i)perylene	17.533	276	145704	23.684	ng		99

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

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