Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090921\
Data File : BF125415.D
Acq On : 9 Sep 2021 16:42
Operator : JU/CG
Sample : M3669-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UTILITY-POLES-BRIGE-PIERS-DEC

Manual Integrations APPROVED
mohammad
9/10/2021 3:25:14 PM

Quant Time: Sep 09 17:14:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 08 14:14:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	158828	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	585114	20.000	ng	#	0.00
39) Acenaphthene-d10	9.928	164	266319	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	425863	20.000	ng		0.00
76) Chrysene-d12	14.057	240	337412	20.000	ng		0.00
86) Perylene-d12	15.551	264	269115	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	976189	93.029	ng		0.02
7) Phenol-d6	6.557	99	977703	72.042	ng		0.03
23) Nitrobenzene-d5	7.457	82	828813	71.312	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	328932	123.731	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1383733	72.415	ng		0.00
79) Terphenyl-d14	13.004	244	1418064	66.954	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.563	79	42577	3.115	ng		92
9) Benzaldehyde	6.440	77	105895	11.118	ng		99
10) Phenol	6.581	94	3680370	258.958	ng		93
15) Benzyl Alcohol	7.051	79	109646	10.493	ng		97
17) 2-Methylphenol	7.163	107	1281452m	142.506	ng		
20) 3+4-Methylphenols	7.334	107	4373968	387.496	ng	#	82
27) 2,4-Dimethylphenol	7.857	122	1511255	170.711	ng		90
31) Naphthalene	8.198	128	1947619	64.995	ng		100
37) 2-Methylnaphthalene	8.886	142	431617	21.797	ng		99
38) 1-Methylnaphthalene	8.986	142	391752	21.186	ng		94
46) 1,1'-Biphenyl	9.351	154	130358	6.071	ng		98
49) Acenaphthylene	9.792	152	58899	2.317	ng	#	92
52) Acenaphthene	9.963	154	462252	29.328	ng		98
55) Dibenzofuran	10.133	168	495029	21.823	ng		97
58) Fluorene	10.475	166	350192	20.882	ng		98
70) Pentachlorophenol	11.227	266	50788	16.534	ng		93
71) Phenanthrene	11.445	178	818286	34.872	ng		99
72) Anthracene	11.492	178	180967	7.824	ng		99
73) Carbazole	11.651	167	737211	34.880	ng		99
75) Fluoranthene	12.627	202	187402	8.049	ng		98
78) Pyrene	12.857	202	115254	3.982	ng		95

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

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