Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121120\
Data File : BF122669.D
Acq On : 11 Dec 2020 18:14
Operator : JU/CG
Sample : L5035-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PE-7

Quant Time: Dec 12 02:24:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	155294	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	594960	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	297172	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	468491	20.00	ng	0.00
76) Chrysene-d12	14.015	240	325054	20.00	ng	0.00
86) Perylene-d12	15.486	264	406609	20.00	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	894487	91.19	ng	0.00
7) Phenol-d6	6.469	99	1094150	84.11	ng	-0.01
23) Nitrobenzene-d5	7.404	82	683294	57.54	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	288402	74.14	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1173191	53.40	ng	0.00
79) Terphenyl-d14	12.951	244	898361	48.38	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.481	94	29971	2.22	ng	92
31) Naphthalene	8.145	128	80187	2.44	ng	99
37) 2-Methylnaphthalene	8.833	142	54004	2.49	ng	96
38) 1-Methylnaphthalene	8.933	142	87395	4.25	ng	100
49) Acenaphthylene	9.739	152	788595	26.13	ng	99
50) Dimethylphthalate	9.592	163	124372	5.24	ng	100
52) Acenaphthene	9.910	154	85953	4.40	ng	97
55) Dibenzofuran	10.080	168	62463	2.27	ng	# 89
58) Fluorene	10.422	166	200295	9.17	ng	99
71) Phenanthrene	11.398	178	2320767	83.35	ng	100
72) Anthracene	11.439	178	589290	21.34	ng	98
73) Carbazole	11.592	167	195780	7.82	ng	99
75) Fluoranthene	12.592	202	3097289	106.08	ng	99
78) Pyrene	12.821	202	3086054	122.79	ng	98
81) Benzo(a)anthracene	14.004	228	1704033m	78.44	ng	
83) Chrysene	14.045	228	1708991	79.05	ng	96
87) Indeno(1,2,3-cd)pyrene	16.956	276	1002496	37.56	ng	97
88) Benzo(b)fluoranthene	15.062	252	2295724m	80.47	ng	
89) Benzo(k)fluoranthene	15.086	252	605387m	23.21	ng	
90) Benzo(a)pyrene	15.433	252	1594269	63.88	ng	97
91) Dibenzo(a,h)anthracene	16.956	278	273004	12.50	ng	92
92) Benzo(g,h,i)perylene	17.398	276	934909	44.22	ng	100

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

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