Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044513.D
Acq On : 20 Feb 2020 7:51
Operator : CG/JU
Sample : L1573-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 20 10:26:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	64218	20.00	ng		-0.02
21) Naphthalene-d8	10.69	136	271601	20.00	ng		-0.01
39) Acenaphthene-d10	14.53	164	186075	20.00	ng		-0.01
64) Phenanthrene-d10	17.28	188	408324	20.00	ng		-0.01
76) Chrysene-d12	21.52	240	388472	20.00	ng		-0.02
87) Perylene-d12	24.60	264	424431	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	402697	110.67	ng		-0.01
7) Phenol-d6	7.07	99	530771	108.62	ng		-0.01
23) Nitrobenzene-d5	9.05	82	330527	68.70	ng		-0.02
42) 2,4,6-Tribromophenol	16.02	330	226412	103.65	ng		-0.01
45) 2-Fluorobiphenyl	13.15	172	790028	71.10	ng		-0.01
79) Terphenyl-d14	19.89	244	1241162	65.72	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.09	94	10993	2.273	ng	#	73
31) Naphthalene	10.74	128	344593	26.151	ng		98
37) 2-Methylnaphthalene	12.35	142	85574	8.747	ng		96
38) 1-Methylnaphthalene	12.57	142	41219	4.469	ng		97
46) 1,1'-Biphenyl	13.36	154	36905	2.750	ng		94
50) Dimethylphthalate	13.98	163	31973	2.390	ng		98
52) Acenaphthene	14.59	154	213228	21.000	ng		98
55) Dibenzofuran	14.93	168	229511	14.929	ng		98
58) Fluorene	15.58	166	206107	17.022	ng		99
71) Phenanthrene	17.32	178	1486836	75.197	ng		97
72) Anthracene	17.41	178	370932	18.975	ng		96
73) Carbazole	17.68	167	187525	10.406	ng		96
75) Fluoranthene	19.33	202	1421344	62.141	ng		98
78) Pyrene	19.69	202	1156893	46.373	ng		99
81) Benzo(a)anthracene	21.50	228	629858	26.308	ng		97
83) Chrysene	21.57	228	517112	22.345	ng		97
86) Indeno(1,2,3-cd)pyrene	28.08	276	290849	9.633	ng	#	93
88) Benzo(b)fluoranthene	23.63	252	683779	27.958	ng		98
89) Benzo(k)fluoranthene	23.69	252	255919m	10.736	ng		
90) Benzo(a)pyrene	24.45	252	498138	21.542	ng		99
91) Dibenzo(a,h)anthracene	28.12	278	71216m	3.112	ng		
92) Benzo(g,h,i)perylene	29.17	276	275646	12.032	ng		97

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

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