Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096932.D
Acq On : 21 Jul 2017 5:00
Operator : SJ/JU
Sample : I4253-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-O-P-6-7-NSW

Manual Integrations APPROVED
Sohil
7/21/2017 1:06:13 PM

Quant Time: Jul 21 09:11:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	96779	20.00	ng		-0.02
21) Naphthalene-d8	7.86	136	346289	20.00	ng		-0.02
38) Acenaphthene-d10	9.62	164	141584	20.00	ng		-0.02
63) Phenanthrene-d10	11.09	188	220283	20.00	ng		-0.02
75) Chrysene-d12	13.71	240	193602	20.00	ng		-0.02
86) Perylene-d12	15.07	264	151477	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	650708	101.10	ng		-0.02
7) Phenol-d6	6.23	99	753477	97.55	ng		-0.02
23) Nitrobenzene-d5	7.14	82	489136	87.49	ng		-0.03
41) 2,4,6-Tribromophenol	10.40	330	107396	88.86	ng		-0.02
44) 2-Fluorobiphenyl	8.95	172	670859	74.86	ng		-0.02
78) Terphenyl-d14	12.66	244	454142	40.68	ng		-0.03
Target Compounds							Qvalue
6) Aniline	6.32	93	498593	52.404	ng	#	51
10) Phenol	6.24	94	25817	2.957	ng		77
11) bis(2-Chloroethyl)ether	6.32	93	498593	75.933	ng		91
12) 1,3-Dichlorobenzene	6.51	146	181359	24.571	ng		98
13) 1,4-Dichlorobenzene	6.59	146	727415	97.316	ng		95
14) 1,2-Dichlorobenzene	6.76	146	2027830	298.266	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.86	45	1255305	92.635	ng		94
17) 2-Methylphenol	6.85	107	29676	5.496	ng	#	79
20) 3+4-Methylphenols	7.00	107	71458	10.906	ng	#	63
27) 2,4-Dimethylphenol	7.55	122	188858	35.707	ng		90
30) 1,2,4-Trichlorobenzene	7.81	180	146904	32.272	ng		98
31) Naphthalene	7.89	128	3046490	185.711	ng		98
37) 2-Methylnaphthalene	8.61	142	4113113	393.284	ng		97
45) 1,1'-Biphenyl	9.05	154	691940	56.983	ng		97
49) Dimethylphthalate	9.35	163	56229	5.274	ng	#	68
51) Acenaphthene	9.66	154	538587	63.995	ng		96
54) Dibenzofuran	9.83	168	334926	28.399	ng	#	67
57) Fluorene	10.17	166	330328	37.903	ng	#	94
65) n-Nitrosodiphenylamine	10.28	169	399407	50.723	ng	#	51
70) Phenanthrene	11.12	178	570009	47.590	ng		99
71) Anthracene	11.16	178	106100m	8.761	ng		
74) Fluoranthene	12.29	202	151993	13.258	ng		97
77) Pyrene	12.51	202	174635	9.939	ng		98
80) Benzo(a)anthracene	13.70	228	79197	6.565	ng		98
82) Chrysene	13.73	228	80517	6.780	ng		95
85) Indeno(1,2,3-cd)pyrene	16.34	276	21391	5.200	ng		97
87) Benzo(b)fluoranthene	14.70	252	70056m	7.668	ng		
89) Benzo(a)pyrene	15.02	252	44251	5.281	ng	#	91
91) Benzo(g,h,i)perylene	16.73	276	24067	2.915	ng	#	81

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

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