Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102759.D
Acq On : 6 Feb 2018 1:44
Operator : SJ/JU
Sample : J1447-01MSD 20X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A2_SB45_N_8

Manual Integrations APPROVED
Sohil
2/6/2018 2:26:02 PM

Quant Time: Feb 06 03:00:52 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	211259	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	883507	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	380037	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	588888	20.00	ng		0.00
75) Chrysene-d12	14.05	240	339362	20.00	ng		0.00
86) Perylene-d12	15.53	264	350599	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	106343	7.64	ng		-0.01
7) Phenol-d6	6.49	99	127733	7.63	ng		-0.01
23) Nitrobenzene-d5	7.43	82	70680	5.55	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	21129	6.91	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	113817	4.97	ng		-0.01
78) Terphenyl-d14	12.99	244	77149	5.38	ng		-0.01
Target Compounds							Qvalue
3) Pyridine	3.48	79	43814	2.308	ng		93
4) n-Nitrosodimethylamine	3.38	42	18572	2.287	ng	#	94
8) 2-Chlorophenol	6.66	128	36754	2.566	ng		95
10) Phenol	6.50	94	50485	2.812	ng		98
11) bis(2-Chloroethyl)ether	6.60	93	37134	2.486	ng		93
12) 1,3-Dichlorobenzene	6.82	146	37723	2.275	ng		94
13) 1,4-Dichlorobenzene	6.90	146	38334	2.320	ng		97
14) 1,2-Dichlorobenzene	7.05	146	36724	2.387	ng		97
15) Benzyl Alcohol	7.01	79	32242	2.504	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.15	45	65493	2.308	ng		98
17) 2-Methylphenol	7.12	107	30940	2.342	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	25719	2.329	ng	#	88
20) 3+4-Methylphenols	7.27	107	43417	2.665	ng		98
22) Acetophenone	7.28	105	56697	2.622	ng		97
24) Nitrobenzene	7.45	77	38349	2.491	ng		93
25) Isophorone	7.69	82	70383	2.400	ng		98
26) 2-Nitrophenol	7.77	139	13681	10.488	ng		96
27) 2,4-Dimethylphenol	7.80	122	33830	2.730	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	46201	2.659	ng	#	94
29) 2,4-Dichlorophenol	8.01	162	27337	2.427	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	28366	2.226	ng		98
31) Naphthalene	8.19	128	1138704	26.379	ng		99
34) Hexachlorobutadiene	8.30	225	14528	2.225	ng		98
35) Caprolactam	8.55	113	8350	2.135	ng	#	87
36) 4-Chloro-3-methylphenol	8.70	107	30633	2.421	ng		99
37) 2-Methylnaphthalene	8.87	142	194358	6.877	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	25773	2.491	ng		99
42) 2,4,6-Trichlorophenol	9.15	196	17517	2.577	ng		94
43) 2,4,5-Trichlorophenol	9.18	196	17846	2.330	ng		95
45) 1,1'-Biphenyl	9.33	154	134364	4.198	ng		97
46) 2-Chloronaphthalene	9.36	162	61152	2.427	ng		95
47) 2-Nitroaniline	9.45	65	19690	5.821	ng		86
48) Acenaphthylene	9.78	152	331755	8.476	ng		99
49) Dimethylphthalate	9.63	163	80624	2.721	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
50) 2,6-Dinitrotoluene	9.69	165	12261	2.175	ng	#	85
51) Acenaphthene	9.95	154	73655	3.147	ng		93
53) 2,4-Dinitrophenol	9.96	184	220	8.141	ng	#	1
54) Dibenzofuran	10.12	168	320168	9.706	ng		99
55) 4-Nitrophenol	10.01	139	20908	7.507	ng		92
56) 2,4-Dinitrotoluene	10.09	165	15788	5.030	ng	#	85
57) Fluorene	10.46	166	307234	12.801	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	12594	2.372	ng	#	73
59) Diethylphthalate	10.33	149	72121	2.465	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	27803	2.619	ng		97
61) 4-Nitroaniline	10.47	138	17629	2.670	ng	#	77
62) Azobenzene	10.62	77	65894	2.254	ng	#	77
64) 4,6-Dinitro-2-methylphenol	10.50	198	668	9.044	ng	#	24
65) n-Nitrosodiphenylamine	10.57	169	62006	2.985	ng		94
66) 4-Bromophenyl-phenylether	10.95	248	15856	2.545	ng		95
67) Hexachlorobenzene	11.01	284	15481	2.253	ng		98
68) Atrazine	11.09	200	16688	2.723	ng		92
69) Pentachlorophenol	11.20	266	12398	3.073	ng		99
70) Phenanthrene	11.43	178	1777765	54.205	ng		99
71) Anthracene	11.48	178	718378	21.536	ng		99
72) Carbazole	11.63	167	294907	9.024	ng		99
73) Di-n-butylphthalate	11.96	149	108474	2.732	ng		99
74) Fluoranthene	12.63	202	1990056	60.309	ng		99
77) Pyrene	12.86	202	1608062	60.428	ng		100
79) Butylbenzylphthalate	13.46	149	34464	3.674	ng		96
80) Benzo(a)anthracene	14.04	228	774434m	36.286	ng		
81) 3,3'-Dichlorobenzidine	14.00	252	16111	2.036	ng		99
82) Chrysene	14.07	228	657723	30.571	ng		98
83) Bis(2-ethylhexyl)phthalate	14.02	149	52520	3.222	ng		100
84) Di-n-octyl phthalate	14.63	149	93997	3.840	ng	#	99
85) Indeno(1,2,3-cd)pyrene	17.01	276	338960	18.996	ng		96
87) Benzo(b)fluoranthene	15.09	252	874573m	38.476	ng		
88) Benzo(k)fluoranthene	15.12	252	315061m	14.506	ng		
89) Benzo(a)pyrene	15.46	252	601801	29.413	ng		97
90) Dibenzo(a,h)anthracene	17.02	278	110091m	6.629	ng		
91) Benzo(g,h,i)perylene	17.46	276	278779	17.151	ng		98

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

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