Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102967.D
Acq On : 13 Feb 2018 17:45
Operator : SJ/JU
Sample : J1403-03MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MSD

Manual Integrations APPROVED
Sohil
2/14/2018 10:29:42 AM

Quant Time: Feb 14 02:04:28 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 00:38:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	155445	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	639903	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	259067	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	366893	20.00	ng		0.00
75) Chrysene-d12	14.04	240	281612	20.00	ng		0.00
86) Perylene-d12	15.52	264	226290	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1193253	116.58	ng		0.01
7) Phenol-d6	6.51	99	1429483	115.99	ng		0.01
23) Nitrobenzene-d5	7.44	82	903833	97.98	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	225921	108.35	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1236125	79.18	ng		0.00
78) Terphenyl-d14	12.98	244	855972	71.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	172629	34.146	ng		86
3) Pyridine	3.45	79	524361	37.541	ng		91
4) n-Nitrosodimethylamine	3.39	42	258929	43.327	ng		97
6) Aniline	6.54	93	563584	30.966	ng		97
8) 2-Chlorophenol	6.66	128	445860	42.311	ng		95
9) Benzaldehyde	6.42	77	112368	12.277	ng		99
10) Phenol	6.52	94	605428	45.839	ng		94
11) bis(2-Chloroethyl)ether	6.61	93	452813	41.201	ng		90
12) 1,3-Dichlorobenzene	6.82	146	454349	37.233	ng		99
13) 1,4-Dichlorobenzene	6.89	146	455108	37.440	ng		99
14) 1,2-Dichlorobenzene	7.05	146	425489	37.581	ng		100
15) Benzyl Alcohol	7.02	79	397495	41.951	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	784806	37.591	ng		99
17) 2-Methylphenol	7.13	107	383172	39.421	ng		99
18) Hexachloroethane	7.39	117	153632	36.857	ng		93
19) n-Nitroso-di-n-propylamine	7.29	70	302504	37.228	ng		93
20) 3+4-Methylphenols	7.28	107	442017	36.876	ng	#	73
22) Acetophenone	7.29	105	594318	37.954	ng	#	93
24) Nitrobenzene	7.46	77	487033	44.886	ng		95
25) Isophorone	7.70	82	883267	41.584	ng		99
26) 2-Nitrophenol	7.77	139	229546	50.863	ng		98
27) 2,4-Dimethylphenol	7.81	122	399339	44.501	ng		100
28) bis(2-Chloroethoxy)methane	7.90	93	560805	44.569	ng		99
29) 2,4-Dichlorophenol	8.02	162	353069	43.280	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	341720	37.028	ng		99
31) Naphthalene	8.18	128	1197256	38.295	ng		99
32) Benzoic acid	7.88	122	47471	15.578	ng		97
33) 4-Chloroaniline	8.23	127	348701	25.890	ng		98
34) Hexachlorobutadiene	8.29	225	173694	36.730	ng		96
35) Caprolactam	8.59	113	122153m	43.117	ng		
36) 4-Chloro-3-methylphenol	8.71	107	373743	40.776	ng		98
37) 2-Methylnaphthalene	8.87	142	776404	37.930	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	290142	41.132	ng		99
40) Hexachlorocyclopentadiene	9.02	237	41308	12.319	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	212066	45.771	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	207396	39.715	ng		98
45) 1,1'-Biphenyl	9.33	154	853397	39.110	ng		98
46) 2-Chloronaphthalene	9.36	162	663565	38.627	ng		98
47) 2-Nitroaniline	9.46	65	260573	49.072	ng		90
48) Acenaphthylene	9.77	152	992986	37.217	ng		100
49) Dimethylphthalate	9.63	163	956506	47.352	ng		100
50) 2,6-Dinitrotoluene	9.70	165	169524	44.111	ng		97
51) Acenaphthene	9.95	154	567617	35.573	ng		100
52) 3-Nitroaniline	9.87	138	176496	37.324	ng		93
53) 2,4-Dinitrophenol	9.97	184	5225	15.048	ng	#	28
54) Dibenzofuran	10.12	168	851595	37.871	ng		99
55) 4-Nitrophenol	10.03	139	247196	64.436	ng		93
56) 2,4-Dinitrotoluene	10.10	165	206535	40.579	ng	#	96
57) Fluorene	10.46	166	606555	37.074	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	143608	39.678	ng		97
59) Diethylphthalate	10.33	149	749292	37.567	ng		100
60) 4-Chlorophenyl-phenylether	10.45	204	280061	38.696	ng		99
61) 4-Nitroaniline	10.48	138	170941	37.978	ng		93
62) Azobenzene	10.61	77	722071	36.238	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	10267	14.898	ng		93
65) n-Nitrosodiphenylamine	10.57	169	561336	43.375	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	163888	42.228	ng	#	88
67) Hexachlorobenzene	11.01	284	160012	37.373	ng		94
68) Atrazine	11.09	200	159032	41.655	ng		99
69) Pentachlorophenol	11.20	266	158760	63.167	ng		99
70) Phenanthrene	11.42	178	790899	38.706	ng		98
71) Anthracene	11.47	178	815778	39.253	ng		100
72) Carbazole	11.63	167	764885	37.567	ng		100
73) Di-n-butylphthalate	11.96	149	1010788	40.868	ng		99
74) Fluoranthene	12.62	202	794837	38.662	ng		99
76) Benzidine	12.73	184	416800	32.203	ng		98
77) Pyrene	12.85	202	807251	36.556	ng		99
79) Butylbenzylphthalate	13.45	149	419757	39.915	ng		97
80) Benzo(a)anthracene	14.03	228	709417	40.056	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	238827	36.369	ng		98
82) Chrysene	14.07	228	677212	37.932	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	594766	43.967	ng		99
84) Di-n-octyl phthalate	14.62	149	1004306	49.444	ng		99
85) Indeno(1,2,3-cd)pyrene	17.02	276	506888	34.233	ng		98
87) Benzo(b)fluoranthene	15.09	252	606793	41.359	ng		97
88) Benzo(k)fluoranthene	15.12	252	565292	40.326	ng		99
89) Benzo(a)pyrene	15.46	252	534915	40.506	ng		97
90) Dibenzo(a,h)anthracene	17.03	278	428646	39.990	ng		98
91) Benzo(g,h,i)perylene	17.47	276	421793	40.203	ng		98

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

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