Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104744.D
Acq On : 24 Apr 2018 8:43
Operator : JU/SJ
Sample : J2497-01MSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A2-SB01-BOT-4.5MSD

Manual Integrations APPROVED
Sohil
4/24/2018 3:49:18 PM

Quant Time: Apr 24 11:25:24 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 15:38:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	105996	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	372544	20.00	ng		0.01
38) Acenaphthene-d10	9.86	164	168173	20.00	ng		0.01
63) Phenanthrene-d10	11.36	188	234495	20.00	ng		0.02
75) Chrysene-d12	14.04	240	79083	20.00	ng		0.05
86) Perylene-d12	15.54	264	98173	20.00	ng		0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	880023	126.95	ng		0.02
7) Phenol-d6	6.47	99	1051242	123.42	ng		0.02
23) Nitrobenzene-d5	7.39	82	613230	107.48	ng		0.01
41) 2,4,6-Tribromophenol	10.66	330	198181	113.60	ng		0.02
44) 2-Fluorobiphenyl	9.17	172	1021148	95.92	ng		0.00
78) Terphenyl-d14	12.96	244	620933	179.00	ng		0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	105711	32.727	ng	#	88
3) Pyridine	3.27	79	310784	34.221	ng	#	87
4) n-Nitrosodimethylamine	3.23	42	126433	39.827	ng	#	76
6) Aniline	6.48	93	135828	11.478	ng	#	1
8) 2-Chlorophenol	6.61	128	315948	43.182	ng		92
9) Benzaldehyde	6.36	77	175394	41.069	ng	#	26
10) Phenol	6.48	94	389319	43.080	ng		92
11) bis(2-Chloroethyl)ether	6.55	93	307247	42.604	ng		96
12) 1,3-Dichlorobenzene	6.75	146	324517	39.151	ng		98
13) 1,4-Dichlorobenzene	6.83	146	331257	40.091	ng		98
14) 1,2-Dichlorobenzene	6.99	146	213816	27.924	ng		98
15) Benzyl Alcohol	6.96	79	243194	37.593	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	328323	33.900	ng		61
17) 2-Methylphenol	7.08	107	246834	38.810	ng	#	89
18) Hexachloroethane	7.32	117	76933	26.114	ng		95
19) n-Nitroso-di-n-propylamine	7.23	70	201962	36.287	ng		95
20) 3+4-Methylphenols	7.24	107	331170	41.984	ng		91
22) Acetophenone	7.22	105	452232	49.307	ng	#	96
24) Nitrobenzene	7.40	77	300009	47.628	ng		94
25) Isophorone	7.65	82	586341	48.600	ng		99
26) 2-Nitrophenol	7.72	139	88420	34.481	ng		95
27) 2,4-Dimethylphenol	7.77	122	346284	65.036	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	362555	49.150	ng		99
29) 2,4-Dichlorophenol	7.97	162	240003	47.241	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	265012	47.532	ng		100
31) Naphthalene	8.14	128	5961559	321.366	ng		97
32) Benzoic acid	7.87	122	59130	13.918	ng		88
33) 4-Chloroaniline	8.18	127	85536	10.763	ng	#	93
34) Hexachlorobutadiene	8.23	225	137837	45.134	ng		99
35) Caprolactam	8.55	113	83831m	47.301	ng		
36) 4-Chloro-3-methylphenol	8.67	107	243830	44.760	ng		98
37) 2-Methylnaphthalene	8.82	142	1008183	84.019	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	222699	46.260	ng		98
42) 2,4,6-Trichlorophenol	9.10	196	142103	42.522	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.15	196	149044	39.855	ng		96
45) 1,1'-Biphenyl	9.28	154	980085	69.373	ng		98
46) 2-Chloronaphthalene	9.30	162	466072	41.766	ng		99
47) 2-Nitroaniline	9.41	65	169117	61.282	ng		98
48) Acenaphthylene	9.73	152	1607292	91.802	ng		99
49) Dimethylphthalate	9.57	163	593717	44.769	ng		100
50) 2,6-Dinitrotoluene	9.65	165	74150	30.217	ng		90
51) Acenaphthene	9.90	154	969325	90.740	ng		98
52) 3-Nitroaniline	9.82	138	103421	36.000	ng		95
53) 2,4-Dinitrophenol	9.92	184	106	5.283	ng	#	1
54) Dibenzofuran	10.07	168	903699	60.704	ng		99
55) 4-Nitrophenol	10.00	139	149887	66.419	ng		93
56) 2,4-Dinitrotoluene	10.06	165	77896	24.200	ng	#	83
57) Fluorene	10.42	166	1348614	124.458	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	107644	38.583	ng	#	93
59) Diethylphthalate	10.27	149	483170	36.582	ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	196747	40.770	ng		98
61) 4-Nitroaniline	10.43	138	119384	42.501	ng		99
62) Azobenzene	10.56	77	405250	32.115	ng	#	84
64) 4,6-Dinitro-2-methylphenol	10.48	198	1937	8.784	ng	#	1
65) n-Nitrosodiphenylamine	10.52	169	420309	51.695	ng		96
66) 4-Bromophenyl-phenylether	10.89	248	120584	48.344	ng		99
67) Hexachlorobenzene	10.97	284	121292	43.217	ng	#	85
68) Atrazine	11.06	200	106964	43.585	ng		98
69) Pentachlorophenol	11.17	266	98909	56.965	ng		98
70) Phenanthrene	11.40	178	3968037	303.858	ng		99
71) Anthracene	11.44	178	1783838	134.381	ng		99
72) Carbazole	11.60	167	1217978	93.896	ng		98
73) Di-n-butylphthalate	11.92	149	620842	39.181	ng		98
74) Fluoranthene	12.61	202	3144572	230.473	ng		98
77) Pyrene	12.85	202	3107716	530.155	ng		99
79) Butylbenzylphthalate	13.43	149	208645	75.551	ng		95
80) Benzo(a)anthracene	14.03	228	1450600	307.038	ng	#	86
81) 3,3'-Dichlorobenzidine	13.99	252	21355	12.123	ng	#	79
82) Chrysene	14.07	228	1150170	237.012	ng	#	95
83) Bis(2-ethylhexyl)phthalate	13.99	149	265924	74.863	ng	#	99
84) Di-n-octyl phthalate	14.61	149	369779	62.301	ng	#	91
85) Indeno(1,2,3-cd)pyrene	17.07	276	1364234	330.934	ng	#	88
87) Benzo(b)fluoranthene	15.12	252	1618749m	261.070	ng		
88) Benzo(k)fluoranthene	15.14	252	516612m	88.253	ng		
89) Benzo(a)pyrene	15.49	252	1274428	229.716	ng	#	94
90) Dibenzo(a,h)anthracene	17.06	278	455165m	99.895	ng		
91) Benzo(g,h,i)perylene	17.53	276	1415268	320.600	ng		93

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

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