Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
Data File : BF086678.D
Acq On : 4 May 2016 15:53
Operator : UM/SJ
Sample : H2715-06MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)MSD

Manual Integrations APPROVED
sohil
5/5/2016 3:18:50 PM

Quant Time: May 05 01:14:04 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	153801	40.00	ng		0.00
21) Naphthalene-d8	8.02	136	615984	40.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	304515	40.00	ng		0.00
63) Phenanthrene-d10	11.25	188	521581	40.00	ng		0.00
75) Chrysene-d12	13.88	240	313170	40.00	ng		0.00
86) Perylene-d12	15.27	264	286186	40.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1430393	153.97	ng		0.01
7) Phenol-d6	6.38	99	1910114	152.63	ng		0.01
23) Nitrobenzene-d5	7.31	82	1245411	103.90	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	435580	146.22	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1653327	89.00	ng		0.00
78) Terphenyl-d14	12.84	244	1430807	92.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	193348	40.27	ng	#	76
3) Pyridine	3.01	79	521618	44.30	ng	#	73
4) n-Nitrosodimethylamine	2.97	42	385405	53.96	ng	#	55
6) Aniline	6.41	93	604652	39.15	ng	#	88
8) 2-Chlorophenol	6.52	128	529252	47.47	ng		84
9) Benzaldehyde	6.28	77	83415	13.36	ng		98
10) Phenol	6.40	94	591809	43.22	ng	#	39
11) bis(2-Chloroethyl)ether	6.49	93	626484	53.16	ng		98
12) 1,3-Dichlorobenzene	6.68	146	558620	47.19	ng		99
13) 1,4-Dichlorobenzene	6.75	146	568026m	46.41	ng		
14) 1,2-Dichlorobenzene	6.91	146	560360	52.58	ng		99
15) Benzyl Alcohol	6.89	79	458362	56.61	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1088696	45.19	ng		89
17) 2-Methylphenol	7.01	107	487546	54.31	ng	#	92
18) Hexachloroethane	7.25	117	218860	47.36	ng	#	84
19) n-Nitroso-di-n-propylamine	7.16	70	424464	49.64	ng	#	70
20) 3+4-Methylphenols	7.16	107	549093	52.24	ng	#	88
22) Acetophenone	7.15	105	779437	54.30	ng		95
24) Nitrobenzene	7.32	77	612026	49.39	ng		95
25) Isophorone	7.57	82	1181180	52.91	ng		96
26) 2-Nitrophenol	7.64	139	292084	52.82	ng	#	75
27) 2,4-Dimethylphenol	7.69	122	500516	51.55	ng		89
28) bis(2-Chloroethoxy)methane	7.78	93	692210	56.34	ng		98
29) 2,4-Dichlorophenol	7.89	162	471135	56.44	ng		93
30) 1,2,4-Trichlorobenzene	7.97	180	491149	52.74	ng		99
31) Naphthalene	8.04	128	1651160	52.47	ng		99
32) Benzoic acid	7.77	122	16191	11.94	ng	#	80
33) 4-Chloroaniline	8.10	127	439499	36.05	ng	#	93
34) Hexachlorobutadiene	8.17	225	265822	50.27	ng		99
35) Caprolactam	8.49	113	156021m	60.38	ng		
36) 4-Chloro-3-methylphenol	8.59	107	475458m	49.92	ng		
37) 2-Methylnaphthalene	8.74	142	1011016	54.45	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	425864	48.31	ng		99
40) Hexachlorocyclopentadiene	8.89	237	365435	89.19	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	300501	53.61	ng		92
43) 2,4,5-Trichlorophenol	9.07	196	332948	56.86	ng		95
45) 1,1'-Biphenyl	9.21	154	1294550	52.00	ng		98
46) 2-Chloronaphthalene	9.23	162	988125	51.43	ng		99
47) 2-Nitroaniline	9.32	65	355376	52.03	ng	#	75
48) Acenaphthylene	9.64	152	1478756	51.85	ng		99
49) Dimethylphthalate	9.52	163	1392634	61.35	ng		100
50) 2,6-Dinitrotoluene	9.57	165	265792	54.56	ng		97
51) Acenaphthene	9.81	154	931419	49.51	ng		99
52) 3-Nitroaniline	9.73	138	225356	40.69	ng	#	80
53) 2,4-Dinitrophenol	9.85	184	132942	71.50	ng		91
54) Dibenzofuran	9.98	168	1297615	55.65	ng		97
55) 4-Nitrophenol	9.92	139	377643	116.96	ng	#	67
56) 2,4-Dinitrotoluene	9.97	165	292282	48.41	ng	#	81
57) Fluorene	10.33	166	1013562	53.63	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.10	232	246710	57.37	ng		98
59) Diethylphthalate	10.21	149	1107796	51.56	ng		97
60) 4-Chlorophenyl-phenylether	10.32	204	416375	46.34	ng		99
61) 4-Nitroaniline	10.36	138	281963	52.99	ng		88
62) Azobenzene	10.48	77	1224857	51.44	ng		86
64) 4,6-Dinitro-2-methylphenol	10.38	198	161827	57.40	ng		87
65) n-Nitrosodiphenylamine	10.44	169	850962	51.38	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	274654	52.99	ng		94
67) Hexachlorobenzene	10.88	284	318855	50.45	ng	#	94
68) Atrazine	10.98	200	293567	57.84	ng		95
69) Pentachlorophenol	11.07	266	335663	107.28	ng		96
70) Phenanthrene	11.29	178	1460730	52.14	ng		99
71) Anthracene	11.33	178	1437224	48.99	ng		99
72) Carbazole	11.49	167	1448789	56.86	ng		99
73) Di-n-butylphthalate	11.82	149	1434971	47.44	ng	#	98
74) Fluoranthene	12.47	202	1410465	50.24	ng		97
76) Benzidine	12.59	184	508186	57.58	ng		96
77) Pyrene	12.69	202	1491025	59.72	ng		100
79) Butylbenzylphthalate	13.32	149	644259	61.61	ng		97
80) Benzo(a)anthracene	13.87	228	955344	53.94	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	279345	25.10	ng	#	94
82) Chrysene	13.92	228	1091355	57.76	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	724043	59.83	ng		100
84) Di-n-octyl phthalate	14.49	149	1136111	63.80	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.59	276	985323	60.78	ng		96
87) Benzo(b)fluoranthene	14.89	252	929405m	54.05	ng		
88) Benzo(k)fluoranthene	14.91	252	777405m	47.98	ng		
89) Benzo(a)pyrene	15.22	252	832220	52.54	ng		98
90) Dibenzo(a,h)anthracene	16.61	278	826158	54.29	ng	#	94
91) Benzo(g,h,i)perylene	16.99	276	842352	52.73	ng		94

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

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