Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
Data File : BF086528.D
Acq On : 30 Apr 2016 17:21
Operator : UM/SJ
Sample : PB90147BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90147BSD

Manual Integrations APPROVED
sohil
5/2/2016 7:53:17 PM

Quant Time: May 01 04:17:13 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 01 01:17:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	132633	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	574500	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	273327	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	553963	20.00	ng		0.00
75) Chrysene-d12	13.92	240	434094	20.00	ng		0.00
86) Perylene-d12	15.31	264	343826	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	567626	73.82	ng		0.01
7) Phenol-d6	6.41	99	752686	70.13	ng		0.00
23) Nitrobenzene-d5	7.33	82	673560	63.20	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	188135	65.27	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	1125437	68.99	ng		-0.01
78) Terphenyl-d14	12.87	244	1115654	56.62	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	112845	27.94	ng	#	82
3) Pyridine	3.06	79	316007	33.06	ng	#	65
4) n-Nitrosodimethylamine	3.00	42	174731	32.07	ng	#	57
6) Aniline	6.43	93	160300	12.34	ng		97
8) 2-Chlorophenol	6.54	128	295424	30.85	ng		83
9) Benzaldehyde	6.30	77	40282	6.45	ng		93
10) Phenol	6.42	94	416894	34.82	ng		88
11) bis(2-Chloroethyl)ether	6.50	93	297919	28.78	ng	#	83
12) 1,3-Dichlorobenzene	6.70	146	310730	30.16	ng		95
13) 1,4-Dichlorobenzene	6.78	146	321432	30.24	ng		97
14) 1,2-Dichlorobenzene	6.93	146	294111	30.17	ng		96
15) Benzyl Alcohol	6.91	79	242048	35.65	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.05	45	615095	29.69	ng		90
17) 2-Methylphenol	7.04	107	246729	31.87	ng		96
18) Hexachloroethane	7.28	117	115976	29.20	ng		99
19) n-Nitroso-di-n-propylamine	7.18	70	227527	32.07	ng	#	74
20) 3+4-Methylphenols	7.18	107	306625	34.69	ng		91
22) Acetophenone	7.18	105	398828	31.66	ng	#	85
24) Nitrobenzene	7.36	77	326928	29.82	ng	#	88
25) Isophorone	7.60	82	629844	30.70	ng		96
26) 2-Nitrophenol	7.66	139	154448	30.59	ng	#	71
27) 2,4-Dimethylphenol	7.71	122	278245	31.41	ng		90
28) bis(2-Chloroethoxy)methane	7.81	93	374662	33.53	ng		100
29) 2,4-Dichlorophenol	7.92	162	258901	34.64	ng		95
30) 1,2,4-Trichlorobenzene	8.00	180	266400	30.73	ng		97
31) Naphthalene	8.08	128	922053	31.54	ng		99
32) Benzoic acid	7.84	122	136516	29.58	ng		95
33) 4-Chloroaniline	8.13	127	81136	7.41	ng		99
34) Hexachlorobutadiene	8.19	225	137134	28.22	ng		99
35) Caprolactam	8.49	113	84020m	33.70	ng		
36) 4-Chloro-3-methylphenol	8.61	107	276326	32.29	ng		91
37) 2-Methylnaphthalene	8.76	142	557942	32.34	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	240512	30.74	ng		97
40) Hexachlorocyclopentadiene	8.92	237	242116	62.27	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	170106	34.40	ng		95
43) 2,4,5-Trichlorophenol	9.09	196	177098	32.85	ng		97
45) 1,1'-Biphenyl	9.23	154	720881	31.55	ng		97
46) 2-Chloronaphthalene	9.25	162	545702	31.41	ng		96
47) 2-Nitroaniline	9.36	65	198689	35.67	ng		95
48) Acenaphthylene	9.66	152	832843	30.67	ng		99
49) Dimethylphthalate	9.54	163	657014	31.93	ng		98
50) 2,6-Dinitrotoluene	9.60	165	150522	35.41	ng		95
51) Acenaphthene	9.84	154	603279	34.59	ng		99
52) 3-Nitroaniline	9.76	138	61305	12.68	ng	#	78
53) 2,4-Dinitrophenol	9.87	184	138466	61.57	ng		88
54) Dibenzofuran	10.01	168	741171	34.00	ng		95
55) 4-Nitrophenol	9.93	139	202245	63.89	ng	#	60
56) 2,4-Dinitrotoluene	10.00	165	184995	34.14	ng		95
57) Fluorene	10.35	166	562828	29.74	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	154255	36.60	ng		97
59) Diethylphthalate	10.24	149	654088	33.58	ng		96
60) 4-Chlorophenyl-phenylether	10.35	204	277256	32.27	ng	#	83
61) 4-Nitroaniline	10.37	138	155701	32.95	ng		81
62) Azobenzene	10.51	77	760091	35.62	ng		90
64) 4,6-Dinitro-2-methylphenol	10.41	198	100338	30.85	ng		91
65) n-Nitrosodiphenylamine	10.46	169	506933	29.28	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	166260	29.13	ng	#	89
67) Hexachlorobenzene	10.90	284	199915	30.26	ng	#	87
68) Atrazine	10.99	200	155982	30.00	ng		94
69) Pentachlorophenol	11.09	266	202179	58.04	ng		98
70) Phenanthrene	11.31	178	911407	31.35	ng		100
71) Anthracene	11.36	178	960100	30.95	ng		99
72) Carbazole	11.52	167	882919	32.11	ng		99
73) Di-n-butylphthalate	11.86	149	981036	31.49	ng		98
74) Fluoranthene	12.49	202	936099	31.90	ng		98
76) Benzidine	12.62	184	195253	13.09	ng		95
77) Pyrene	12.72	202	932023	29.80	ng		99
79) Butylbenzylphthalate	13.35	149	416799	30.77	ng	#	78
80) Benzo(a)anthracene	13.91	228	752949	32.53	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	153684	9.93	ng	#	95
82) Chrysene	13.94	228	742369	29.51	ng		98
83) Bis(2-ethylhexyl)phthalate	13.91	149	482040	28.67	ng	#	97
84) Di-n-octyl phthalate	14.51	149	764044	29.01	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.65	276	605884	32.50	ng		97
87) Benzo(b)fluoranthene	14.92	252	744443m	36.80	ng		
88) Benzo(k)fluoranthene	14.95	252	596750m	28.28	ng		
89) Benzo(a)pyrene	15.25	252	610078	31.95	ng		99
90) Dibenzo(a,h)anthracene	16.66	278	512606	32.80	ng		97
91) Benzo(g,h,i)perylene	17.05	276	510862	32.62	ng	#	91

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

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