Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087121.D
Acq On : 18 May 2016 00:23
Operator : UM/SJ
Sample : PB90666BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90666BSD

Manual Integrations APPROVED
sohil
5/18/2016 6:59:01 PM

Quant Time: May 18 03:32:09 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	133581	20.00	ng		-0.01
21) Naphthalene-d8	7.88	136	555069	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	275967	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	519302	20.00	ng		-0.01
75) Chrysene-d12	13.74	240	392152	20.00	ng		-0.02
86) Perylene-d12	15.10	264	361402	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	646693	81.37	ng		-0.01
7) Phenol-d6	6.26	99	836703	78.50	ng		-0.02
23) Nitrobenzene-d5	7.16	82	826748	74.23	ng		-0.02
41) 2,4,6-Tribromophenol	10.42	330	237543	77.89	ng		-0.02
44) 2-Fluorobiphenyl	8.96	172	1378374	82.72	ng		-0.02
78) Terphenyl-d14	12.70	244	1492749	86.11	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	123559	30.22	ng	#	60
3) Pyridine	2.73	79	386225	39.06	ng	#	64
4) n-Nitrosodimethylamine	2.70	42	266683	38.05	ng	#	47
6) Aniline	6.26	93	260597	19.25	ng	#	59
8) 2-Chlorophenol	6.39	128	389186	40.25	ng		97
9) Benzaldehyde	6.15	77	21499	2.73	ng		97
10) Phenol	6.27	94	544673	40.65	ng		76
11) bis(2-Chloroethyl)ether	6.34	93	403903	40.15	ng		96
12) 1,3-Dichlorobenzene	6.52	146	381509m	37.12	ng		
13) 1,4-Dichlorobenzene	6.60	146	389547m	37.04	ng		
14) 1,2-Dichlorobenzene	6.76	146	360452	39.15	ng		98
15) Benzyl Alcohol	6.76	79	346086	43.61	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.89	45	782344	37.83	ng		70
17) 2-Methylphenol	6.89	107	305716	38.50	ng	#	79
18) Hexachloroethane	7.10	117	149738	37.24	ng		100
19) n-Nitroso-di-n-propylamine	7.03	70	332599	41.05	ng	#	75
20) 3+4-Methylphenols	7.04	107	439004	41.91	ng	#	61
22) Acetophenone	7.02	105	556736	40.99	ng		99
24) Nitrobenzene	7.19	77	464824	38.22	ng		99
25) Isophorone	7.43	82	810172	39.74	ng		98
26) 2-Nitrophenol	7.51	139	215623	42.80	ng	#	87
27) 2,4-Dimethylphenol	7.56	122	372288	43.31	ng		89
28) bis(2-Chloroethoxy)methane	7.64	93	470001	41.99	ng		98
29) 2,4-Dichlorophenol	7.76	162	337488	44.55	ng		99
30) 1,2,4-Trichlorobenzene	7.83	180	342441	40.74	ng		98
31) Naphthalene	7.90	128	1107991	40.85	ng		99
32) Benzoic acid	7.72	122	184860	36.08	ng	#	81
33) 4-Chloroaniline	7.98	127	126631	11.23	ng		97
34) Hexachlorobutadiene	8.02	225	197339	41.37	ng		98
35) Caprolactam	8.35	113	112572m	44.63	ng		
36) 4-Chloro-3-methylphenol	8.48	107	396715	43.41	ng		91
37) 2-Methylnaphthalene	8.59	142	715488	41.24	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	328823	40.80	ng		99
40) Hexachlorocyclopentadiene	8.74	237	242444	78.10	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	216140	41.35	ng		92
43) 2,4,5-Trichlorophenol	8.94	196	230077	42.37	ng	#	85
45) 1,1'-Biphenyl	9.06	154	948223	41.44	ng		97
46) 2-Chloronaphthalene	9.08	162	723634	41.19	ng		97
47) 2-Nitroaniline	9.20	65	294537	43.75	ng		94
48) Acenaphthylene	9.50	152	1100920	41.04	ng		100
49) Dimethylphthalate	9.37	163	874254	41.53	ng		99
50) 2,6-Dinitrotoluene	9.44	165	199438	43.63	ng		91
51) Acenaphthene	9.67	154	723945	43.20	ng		99
52) 3-Nitroaniline	9.61	138	91836	18.56	ng		95
53) 2,4-Dinitrophenol	9.72	184	214023	81.61	ng		89
54) Dibenzofuran	9.84	168	971876	44.85	ng		95
55) 4-Nitrophenol	9.80	139	195839m	62.90	ng		
56) 2,4-Dinitrotoluene	9.85	165	242438	41.41	ng	#	64
57) Fluorene	10.18	166	808570	46.44	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	189574	44.82	ng		98
59) Diethylphthalate	10.07	149	794729	39.54	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	329499	39.92	ng		98
61) 4-Nitroaniline	10.23	138	204424	41.84	ng	#	72
62) Azobenzene	10.33	77	954306	41.21	ng		83
64) 4,6-Dinitro-2-methylphenol	10.25	198	135253	39.55	ng	#	32
65) n-Nitrosodiphenylamine	10.30	169	667565	40.85	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	229010	42.88	ng		94
67) Hexachlorobenzene	10.72	284	253042	40.87	ng	#	64
68) Atrazine	10.83	200	194025	36.40	ng		95
69) Pentachlorophenol	10.92	266	217832	93.66	ng		96
70) Phenanthrene	11.13	178	1092890	38.80	ng		99
71) Anthracene	11.19	178	1269989	44.58	ng		100
72) Carbazole	11.35	167	1032467	39.68	ng		99
73) Di-n-butylphthalate	11.68	149	1257010	42.05	ng	#	98
74) Fluoranthene	12.32	202	1276875	45.25	ng		92
76) Benzidine	12.46	184	181882	13.95	ng		95
77) Pyrene	12.54	202	1159569	40.93	ng		99
79) Butylbenzylphthalate	13.18	149	548595	45.87	ng		97
80) Benzo(a)anthracene	13.73	228	961766	42.42	ng		99
81) 3,3'-Dichlorobenzidine	13.70	252	209962	14.55	ng	#	94
82) Chrysene	13.76	228	925006	42.16	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	697516	47.92	ng	#	99
84) Di-n-octyl phthalate	14.34	149	1261277	50.30	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.34	276	830641	43.14	ng		95
87) Benzo(b)fluoranthene	14.73	252	1053646m	43.95	ng		
88) Benzo(k)fluoranthene	14.75	252	759003m	42.52	ng		
89) Benzo(a)pyrene	15.04	252	832490	41.54	ng		98
90) Dibenzo(a,h)anthracene	16.34	278	694713	41.17	ng		96
91) Benzo(g,h,i)perylene	16.71	276	695576	40.81	ng	#	89

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

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