Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087120.D
Acq On : 17 May 2016 23:54
Operator : UM/SJ
Sample : PB90666BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90666BS

Manual Integrations APPROVED
sohil
5/18/2016 6:58:53 PM

Quant Time: May 18 03:27:10 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	142040	20.00	ng		-0.01
21) Naphthalene-d8	7.88	136	591704	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	299420	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	553863	20.00	ng		-0.01
75) Chrysene-d12	13.74	240	398631	20.00	ng		-0.02
86) Perylene-d12	15.10	264	376004	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	696892	82.47	ng		-0.01
7) Phenol-d6	6.26	99	882531	77.87	ng		-0.02
23) Nitrobenzene-d5	7.16	82	889828	74.95	ng		-0.02
41) 2,4,6-Tribromophenol	10.42	330	239676	72.44	ng		-0.02
44) 2-Fluorobiphenyl	8.96	172	1443323	79.83	ng		-0.02
78) Terphenyl-d14	12.70	244	1545127	87.68	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	133592	30.73	ng	#	59
3) Pyridine	2.74	79	337048	32.05	ng	#	66
4) n-Nitrosodimethylamine	2.71	42	286107	38.39	ng	#	49
6) Aniline	6.26	93	246534	17.12	ng	#	57
8) 2-Chlorophenol	6.39	128	393042	38.23	ng		97
9) Benzaldehyde	6.15	77	23093	2.76	ng		94
10) Phenol	6.27	94	535475	37.58	ng		75
11) bis(2-Chloroethyl)ether	6.34	93	422172	39.46	ng		96
12) 1,3-Dichlorobenzene	6.52	146	387475m	35.45	ng		
13) 1,4-Dichlorobenzene	6.60	146	398936m	35.67	ng		
14) 1,2-Dichlorobenzene	6.76	146	365324	37.32	ng		98
15) Benzyl Alcohol	6.76	79	346230	41.03	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.89	45	803619	36.54	ng		70
17) 2-Methylphenol	6.89	107	313066	37.08	ng	#	80
18) Hexachloroethane	7.10	117	152054	35.57	ng		99
19) n-Nitroso-di-n-propylamine	7.03	70	336702	39.08	ng	#	74
20) 3+4-Methylphenols	7.04	107	444184	39.88	ng	#	61
22) Acetophenone	7.02	105	560350	38.70	ng		99
24) Nitrobenzene	7.19	77	460728	35.54	ng		99
25) Isophorone	7.43	82	808917	37.22	ng		98
26) 2-Nitrophenol	7.51	139	213546	39.77	ng	#	85
27) 2,4-Dimethylphenol	7.56	122	374304	40.84	ng		89
28) bis(2-Chloroethoxy)methane	7.64	93	478356	40.09	ng	#	98
29) 2,4-Dichlorophenol	7.76	162	339230	42.01	ng		98
30) 1,2,4-Trichlorobenzene	7.83	180	346051	38.62	ng		99
31) Naphthalene	7.91	128	1118921	38.70	ng		100
32) Benzoic acid	7.72	122	189424	34.68	ng	#	79
33) 4-Chloroaniline	7.98	127	126196	10.50	ng		95
34) Hexachlorobutadiene	8.02	225	201884	39.70	ng		99
35) Caprolactam	8.35	113	111517m	41.47	ng		
36) 4-Chloro-3-methylphenol	8.48	107	401825	41.25	ng		92
37) 2-Methylnaphthalene	8.59	142	717185	38.78	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	328337	37.54	ng		98
40) Hexachlorocyclopentadiene	8.74	237	248263	74.15	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	217049	38.27	ng		93
43) 2,4,5-Trichlorophenol	8.94	196	230601	39.14	ng	#	85
45) 1,1'-Biphenyl	9.06	154	952123	38.35	ng		98
46) 2-Chloronaphthalene	9.08	162	727965	38.19	ng		98
47) 2-Nitroaniline	9.20	65	287051	39.30	ng		97
48) Acenaphthylene	9.50	152	1116207	38.35	ng		99
49) Dimethylphthalate	9.37	163	877461	38.42	ng		99
50) 2,6-Dinitrotoluene	9.44	165	199734	40.27	ng		91
51) Acenaphthene	9.67	154	718752	39.53	ng		98
52) 3-Nitroaniline	9.61	138	86600	16.13	ng		98
53) 2,4-Dinitrophenol	9.72	184	211973	74.91	ng		90
54) Dibenzofuran	9.84	168	973216	41.39	ng		95
55) 4-Nitrophenol	9.80	139	204633m	61.48	ng		
56) 2,4-Dinitrotoluene	9.84	165	235049	37.00	ng	#	41
57) Fluorene	10.18	166	811642	42.96	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	189685	41.34	ng		97
59) Diethylphthalate	10.07	149	797400	36.57	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	324883	36.28	ng		96
61) 4-Nitroaniline	10.23	138	207851	39.21	ng	#	76
62) Azobenzene	10.33	77	946363	37.66	ng		83
64) 4,6-Dinitro-2-methylphenol	10.25	198	134385	36.84	ng	#	38
65) n-Nitrosodiphenylamine	10.30	169	664087	38.10	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	235401	41.33	ng		91
67) Hexachlorobenzene	10.72	284	250155	37.88	ng	#	65
68) Atrazine	10.83	200	192081	33.78	ng		94
69) Pentachlorophenol	10.92	266	210749	84.96	ng		98
70) Phenanthrene	11.13	178	1060846	35.31	ng		100
71) Anthracene	11.19	178	1242295	40.89	ng		100
72) Carbazole	11.35	167	999796	36.02	ng		98
73) Di-n-butylphthalate	11.68	149	1254496	39.35	ng	#	98
74) Fluoranthene	12.32	202	1260541	41.88	ng		91
76) Benzidine	12.46	184	147900	11.15	ng		96
77) Pyrene	12.54	202	1136429	39.46	ng		100
79) Butylbenzylphthalate	13.17	149	534195	43.94	ng	#	59
80) Benzo(a)anthracene	13.73	228	936017	40.61	ng		100
81) 3,3'-Dichlorobenzidine	13.70	252	192129	13.10	ng	#	96
82) Chrysene	13.76	228	896707	40.21	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	669611	45.26	ng	#	99
84) Di-n-octyl phthalate	14.34	149	1221800	47.94	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.34	276	803596	41.05	ng		95
87) Benzo(b)fluoranthene	14.73	252	1004305m	40.26	ng		
88) Benzo(k)fluoranthene	14.75	252	752585m	40.53	ng		
89) Benzo(a)pyrene	15.04	252	804559	38.59	ng		98
90) Dibenzo(a,h)anthracene	16.34	278	673259	38.35	ng		97
91) Benzo(g,h,i)perylene	16.71	276	666622	37.60	ng	#	89

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

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