Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087168.D
Acq On : 19 May 2016 3:50
Operator : UM/SJ
Sample : PB90659BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90659BS

Manual Integrations APPROVED
sohil
5/19/2016 7:06:30 PM

Quant Time: May 19 05:01:43 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 19 04:41:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	122974	20.00	ng		0.00
21) Naphthalene-d8	7.86	136	499909	20.00	ng		-0.01
38) Acenaphthene-d10	9.61	164	230030	20.00	ng		-0.01
63) Phenanthrene-d10	11.08	188	422885	20.00	ng		-0.01
75) Chrysene-d12	13.71	240	275977	20.00	ng		-0.01
86) Perylene-d12	15.06	264	296988	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	970150	132.60	ng		0.01
7) Phenol-d6	6.25	99	1127005	114.85	ng		0.00
23) Nitrobenzene-d5	7.15	82	781748	77.94	ng		0.00
41) 2,4,6-Tribromophenol	10.41	330	329055	129.45	ng		0.00
44) 2-Fluorobiphenyl	8.95	172	1240498	89.31	ng		0.00
78) Terphenyl-d14	12.67	244	1166487	95.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	109338	29.05	ng	#	65
3) Pyridine	2.68	79	324195	35.61	ng	#	67
4) n-Nitrosodimethylamine	2.65	42	248204	38.47	ng	#	52
6) Aniline	6.25	93	261575	20.99	ng	#	62
8) 2-Chlorophenol	6.36	128	343911	38.63	ng	#	78
9) Benzaldehyde	6.14	77	18602	2.55	ng		95
10) Phenol	6.26	94	450682	36.54	ng		74
11) bis(2-Chloroethyl)ether	6.33	93	372337	40.20	ng		95
12) 1,3-Dichlorobenzene	6.51	146	352319m	37.23	ng		
13) 1,4-Dichlorobenzene	6.59	146	366921m	37.90	ng		
14) 1,2-Dichlorobenzene	6.75	146	321099	37.88	ng		96
15) Benzyl Alcohol	6.74	79	309900	42.42	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	6.87	45	685892	36.02	ng		58
17) 2-Methylphenol	6.87	107	283063	38.72	ng	#	79
18) Hexachloroethane	7.08	117	136393	36.85	ng		97
19) n-Nitroso-di-n-propylamine	7.02	70	292476	39.21	ng	#	80
20) 3+4-Methylphenols	7.03	107	393876	40.85	ng	#	61
22) Acetophenone	7.00	105	515007	42.10	ng		97
24) Nitrobenzene	7.18	77	429643	39.23	ng		96
25) Isophorone	7.42	82	724201	39.44	ng		99
26) 2-Nitrophenol	7.50	139	186070	41.01	ng		93
27) 2,4-Dimethylphenol	7.55	122	328767	42.46	ng		90
28) bis(2-Chloroethoxy)methane	7.63	93	433664	43.02	ng		98
29) 2,4-Dichlorophenol	7.75	162	283462	41.55	ng		96
30) 1,2,4-Trichlorobenzene	7.82	180	309821	40.92	ng		98
31) Naphthalene	7.88	128	962822	39.42	ng		99
32) Benzoic acid	7.71	122	171742	37.21	ng	#	80
33) 4-Chloroaniline	7.95	127	163202	16.08	ng	#	90
34) Hexachlorobutadiene	8.01	225	177134	41.23	ng		99
35) Caprolactam	8.33	113	93926	41.34	ng	#	54
36) 4-Chloro-3-methylphenol	8.47	107	319362	38.81	ng		94
37) 2-Methylnaphthalene	8.58	142	687092	43.98	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	271178	40.36	ng		100
40) Hexachlorocyclopentadiene	8.73	237	107943	45.37	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	180516	41.43	ng		96
43) 2,4,5-Trichlorophenol	8.92	196	190697	42.13	ng		96
45) 1,1'-Biphenyl	9.05	154	802776	42.09	ng		99
46) 2-Chloronaphthalene	9.06	162	591449	40.39	ng	#	91
47) 2-Nitroaniline	9.18	65	225056	40.11	ng	#	73
48) Acenaphthylene	9.47	152	894367	40.00	ng		98
49) Dimethylphthalate	9.36	163	763977	43.54	ng		100
50) 2,6-Dinitrotoluene	9.43	165	152891	40.13	ng	#	64
51) Acenaphthene	9.64	154	548714	39.28	ng		99
52) 3-Nitroaniline	9.59	138	87825	21.29	ng	#	76
53) 2,4-Dinitrophenol	9.71	184	110234	52.24	ng	#	87
54) Dibenzofuran	9.82	168	781894	43.29	ng		91
55) 4-Nitrophenol	9.78	139	188646m	68.64	ng		
56) 2,4-Dinitrotoluene	9.83	165	207507	42.52	ng		92
57) Fluorene	10.16	166	595854	41.06	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.95	232	165685	47.00	ng		97
59) Diethylphthalate	10.06	149	757011	45.19	ng		96
60) 4-Chlorophenyl-phenylether	10.16	204	301317	43.80	ng		88
61) 4-Nitroaniline	10.20	138	140247	34.44	ng	#	71
62) Azobenzene	10.32	77	880011	45.59	ng		89
64) 4,6-Dinitro-2-methylphenol	10.24	198	82716	29.70	ng		85
65) n-Nitrosodiphenylamine	10.28	169	624923	46.96	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	174738	40.18	ng		93
67) Hexachlorobenzene	10.71	284	220294	43.69	ng	#	91
68) Atrazine	10.81	200	170960	39.38	ng		93
69) Pentachlorophenol	10.91	266	170210	89.87	ng		98
70) Phenanthrene	11.12	178	979711	42.72	ng		99
71) Anthracene	11.16	178	931591	40.16	ng		100
72) Carbazole	11.34	167	875907	41.33	ng		98
73) Di-n-butylphthalate	11.67	149	1130539	46.45	ng		99
74) Fluoranthene	12.30	202	929281	40.44	ng		94
76) Benzidine	12.43	184	282008	34.73	ng		96
77) Pyrene	12.53	202	901700	45.23	ng		99
79) Butylbenzylphthalate	13.15	149	424889	50.48	ng		94
80) Benzo(a)anthracene	13.70	228	676254	42.38	ng		99
81) 3,3'-Dichlorobenzidine	13.68	252	208630	20.55	ng	#	95
82) Chrysene	13.74	228	670296	43.42	ng		100
83) Bis(2-ethylhexyl)phthalate	13.71	149	539362	52.66	ng	#	99
84) Di-n-octyl phthalate	14.32	149	927767	52.58	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.30	276	696176	51.37	ng		95
87) Benzo(b)fluoranthene	14.71	252	840378m	42.65	ng		
88) Benzo(k)fluoranthene	14.73	252	609780m	41.57	ng		
89) Benzo(a)pyrene	15.02	252	701683	42.61	ng		99
90) Dibenzo(a,h)anthracene	16.31	278	591369	42.65	ng	#	93
91) Benzo(g,h,i)perylene	16.66	276	561398	40.09	ng		94

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

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