Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
Data File : BF088774.D
Acq On : 7 Jul 2016 12:15
Operator : UM/SJ
Sample : PB91702BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91702BS

Manual Integrations APPROVED
SOHIL
7/8/2016 7:03:26 AM

Quant Time: Jul 08 04:45:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 01:56:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	100049	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	398023	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	197515	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	364385	20.00	ng		0.00
75) Chrysene-d12	13.89	240	256290	20.00	ng		0.00
86) Perylene-d12	15.27	264	255461	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	725042	108.61	ng		0.02
7) Phenol-d6	6.39	99	889909	103.17	ng		0.00
23) Nitrobenzene-d5	7.31	82	659724	86.86	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	236574	128.98	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	1013866	81.08	ng		0.00
78) Terphenyl-d14	12.85	244	1003960	87.25	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.03	79	278869	29.04	ng		91
4) n-Nitrosodimethylamine	2.98	42	120643	32.88	ng		91
6) Aniline	6.40	93	316179	25.15	ng	#	1
8) 2-Chlorophenol	6.52	128	266048	37.08	ng		96
9) Benzaldehyde	6.28	77	201617	34.51	ng		90
10) Phenol	6.40	94	334275	33.96	ng	#	61
11) bis(2-Chloroethyl)ether	6.49	93	277150	37.75	ng	#	79
12) 1,3-Dichlorobenzene	6.68	146	299583	37.94	ng		95
13) 1,4-Dichlorobenzene	6.75	146	283264	36.15	ng		93
14) 1,2-Dichlorobenzene	6.91	146	289187m	39.43	ng		
15) Benzyl Alcohol	6.89	79	258032	40.64	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.03	45	313903	29.53	ng		90
17) 2-Methylphenol	7.00	107	229978	39.29	ng		96
18) Hexachloroethane	7.26	117	118847	39.21	ng		91
19) n-Nitroso-di-n-propylamine	7.16	70	204112	35.23	ng		92
20) 3+4-Methylphenols	7.16	107	298592	42.51	ng		96
22) Acetophenone	7.15	105	404583	41.88	ng	#	89
24) Nitrobenzene	7.32	77	279919	36.55	ng	#	82
25) Isophorone	7.58	82	589096	41.87	ng		98
26) 2-Nitrophenol	7.64	139	149973	47.76	ng		94
27) 2,4-Dimethylphenol	7.69	122	260163	39.78	ng		89
28) bis(2-Chloroethoxy)methane	7.78	93	347150	37.92	ng	#	95
29) 2,4-Dichlorophenol	7.88	162	220314	41.68	ng		96
30) 1,2,4-Trichlorobenzene	7.96	180	245779	42.37	ng		97
31) Naphthalene	8.04	128	778426	39.67	ng		99
32) Benzoic acid	7.83	122	168708	35.53	ng		90
33) 4-Chloroaniline	8.10	127	173578	19.88	ng	#	93
34) Hexachlorobutadiene	8.17	225	135408	43.60	ng		99
35) Caprolactam	8.48	113	78488m	43.72	ng		
36) 4-Chloro-3-methylphenol	8.59	107	285246	45.63	ng		95
37) 2-Methylnaphthalene	8.74	142	553027	43.77	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	238548	36.31	ng	#	1
40) Hexachlorocyclopentadiene	8.90	237	256669	79.60	ng		99
42) 2,4,6-Trichlorophenol	9.03	196	169904	39.23	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	166750	44.75	ng	#	90
45) 1,1'-Biphenyl	9.21	154	685753	41.93	ng		96
46) 2-Chloronaphthalene	9.23	162	518891	40.41	ng		95
47) 2-Nitroaniline	9.32	65	165993	36.43	ng		99
48) Acenaphthylene	9.64	152	837835	41.01	ng		99
49) Dimethylphthalate	9.52	163	656413	46.65	ng		99
50) 2,6-Dinitrotoluene	9.58	165	151363	48.53	ng		94
51) Acenaphthene	9.82	154	613128	48.96	ng		98
52) 3-Nitroaniline	9.74	138	94904	23.94	ng		99
53) 2,4-Dinitrophenol	9.85	184	167733	121.81	ng	#	83
54) Dibenzofuran	9.99	168	714136	43.57	ng	#	88
55) 4-Nitrophenol	9.91	139	213173	70.76	ng		94
56) 2,4-Dinitrotoluene	9.98	165	173588	42.57	ng	#	49
57) Fluorene	10.33	166	597989	47.34	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	131166	45.49	ng	#	49
59) Diethylphthalate	10.22	149	631522	44.72	ng		100
60) 4-Chlorophenyl-phenylether	10.32	204	220646	37.59	ng	#	86
61) 4-Nitroaniline	10.35	138	134799	35.33	ng		82
62) Azobenzene	10.48	77	659651	40.95	ng		95
64) 4,6-Dinitro-2-methylphenol	10.39	198	104712	53.73	ng	#	57
65) n-Nitrosodiphenylamine	10.44	169	494033	40.06	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	162031	44.13	ng	#	88
67) Hexachlorobenzene	10.88	284	170999	42.07	ng	#	69
68) Atrazine	10.97	200	163372	42.51	ng		91
69) Pentachlorophenol	11.07	266	207123	86.10	ng		98
70) Phenanthrene	11.28	178	793033	39.81	ng		100
71) Anthracene	11.34	178	858339	43.34	ng		100
72) Carbazole	11.48	167	734761	39.42	ng		99
73) Di-n-butylphthalate	11.83	149	892112	41.14	ng	#	99
74) Fluoranthene	12.47	202	933223	46.21	ng		95
76) Benzidine	12.59	184	529070	40.84	ng		97
77) Pyrene	12.70	202	893488	41.12	ng		99
79) Butylbenzylphthalate	13.33	149	436302	45.01	ng		99
80) Benzo(a)anthracene	13.87	228	739361	44.80	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	130231	20.99	ng	#	96
82) Chrysene	13.92	228	749777	45.92	ng		97
83) Bis(2-ethylhexyl)phthalate	13.89	149	543898	49.15	ng	#	99
84) Di-n-octyl phthalate	14.49	149	913414	48.59	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	608518	48.44	ng	#	100
87) Benzo(b)fluoranthene	14.88	252	852884m	53.22	ng		
88) Benzo(k)fluoranthene	14.91	252	488789m	35.04	ng		
89) Benzo(a)pyrene	15.21	252	628111	46.29	ng		100
90) Dibenzo(a,h)anthracene	16.61	278	508283	44.86	ng	#	95
91) Benzo(g,h,i)perylene	16.98	276	486009	41.45	ng		95

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

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