Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
Data File : BF088776.D
Acq On : 7 Jul 2016 13:15
Operator : UM/SJ
Sample : PB91807BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91807BS

Manual Integrations APPROVED
SOHIL
7/8/2016 7:03:30 AM

Quant Time: Jul 08 04:47:11 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	157701	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	716437	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	328523	20.00	ng		0.00
63) Phenanthrene-d10	11.27	188	646428	20.00	ng		0.01
75) Chrysene-d12	13.90	240	471578	20.00	ng		0.01
86) Perylene-d12	15.28	264	393216	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1208384	114.84	ng		0.03
7) Phenol-d6	6.41	99	1632881	120.10	ng		0.02
23) Nitrobenzene-d5	7.32	82	1087025	79.51	ng		0.01
41) 2,4,6-Tribromophenol	10.58	330	431447	141.43	ng		0.01
44) 2-Fluorobiphenyl	9.12	172	1825763	87.78	ng		0.01
78) Terphenyl-d14	12.86	244	1794853	84.77	ng		0.01
Target Compounds							Qvalue
3) Pyridine	3.03	79	377596	24.94	ng		93
4) n-Nitrosodimethylamine	3.00	42	194114	33.56	ng		90
6) Aniline	6.42	93	603393	30.45	ng	#	1
8) 2-Chlorophenol	6.54	128	435342	38.49	ng		97
9) Benzaldehyde	6.28	77	288939	31.37	ng		86
10) Phenol	6.42	94	634469	40.89	ng		83
11) bis(2-Chloroethyl)ether	6.49	93	454574	39.28	ng		91
12) 1,3-Dichlorobenzene	6.68	146	432919	34.79	ng		96
13) 1,4-Dichlorobenzene	6.76	146	500688	40.53	ng		98
14) 1,2-Dichlorobenzene	6.91	146	391461	33.86	ng	#	87
15) Benzyl Alcohol	6.90	79	403618	40.33	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.04	45	560950	33.47	ng		85
17) 2-Methylphenol	7.02	107	413501	44.82	ng		94
18) Hexachloroethane	7.26	117	185371	38.80	ng	#	86
19) n-Nitroso-di-n-propylamine	7.19	70	379669	41.57	ng		88
20) 3+4-Methylphenols	7.18	107	470637	42.50	ng		97
22) Acetophenone	7.16	105	701555	40.35	ng	#	89
24) Nitrobenzene	7.34	77	483825	35.10	ng	#	84
25) Isophorone	7.59	82	1056380	41.71	ng		97
26) 2-Nitrophenol	7.66	139	274464	48.56	ng	#	76
27) 2,4-Dimethylphenol	7.70	122	493408	41.91	ng		88
28) bis(2-Chloroethoxy)methane	7.79	93	624616	37.90	ng	#	96
29) 2,4-Dichlorophenol	7.90	162	401889	42.24	ng		97
30) 1,2,4-Trichlorobenzene	7.98	180	414934	39.74	ng		99
31) Naphthalene	8.06	128	1436045	40.66	ng		99
32) Benzoic acid	7.87	122	318787	37.30	ng		91
33) 4-Chloroaniline	8.10	127	471287	29.99	ng		97
34) Hexachlorobutadiene	8.17	225	218126	39.02	ng		99
35) Caprolactam	8.51	113	156129m	48.32	ng		
36) 4-Chloro-3-methylphenol	8.60	107	533031	47.38	ng		94
37) 2-Methylnaphthalene	8.74	142	870337	38.27	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	355591	32.54	ng	#	1
40) Hexachlorocyclopentadiene	8.90	237	409895	76.43	ng		99
42) 2,4,6-Trichlorophenol	9.03	196	304536	42.27	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.07	196	288831	46.60	ng	#	92
45) 1,1'-Biphenyl	9.21	154	1008285	37.06	ng		98
46) 2-Chloronaphthalene	9.23	162	762106	35.69	ng		96
47) 2-Nitroaniline	9.34	65	323358	42.66	ng		94
48) Acenaphthylene	9.64	152	1325200	39.00	ng		100
49) Dimethylphthalate	9.53	163	970131	41.45	ng		100
50) 2,6-Dinitrotoluene	9.59	165	285305	55.00	ng	#	82
51) Acenaphthene	9.83	154	859470m	41.26	ng		
52) 3-Nitroaniline	9.75	138	177602	26.93	ng		91
53) 2,4-Dinitrophenol	9.86	184	259929	113.49	ng		92
54) Dibenzofuran	10.00	168	1262147	46.29	ng	#	89
55) 4-Nitrophenol	9.93	139	361011	72.04	ng		92
56) 2,4-Dinitrotoluene	9.99	165	259884	38.32	ng	#	38
57) Fluorene	10.34	166	893448	42.53	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.11	232	230045	47.97	ng	#	46
59) Diethylphthalate	10.23	149	994356	42.33	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	414995	42.51	ng		97
61) 4-Nitroaniline	10.38	138	264826	41.73	ng		81
62) Azobenzene	10.49	77	1230242	45.92	ng		98
64) 4,6-Dinitro-2-methylphenol	10.40	198	154279	44.62	ng		98
65) n-Nitrosodiphenylamine	10.46	169	856262	39.14	ng		98
66) 4-Bromophenyl-phenylether	10.82	248	293085	44.99	ng	#	92
67) Hexachlorobenzene	10.88	284	269344	37.35	ng		98
68) Atrazine	10.99	200	310641	45.57	ng		97
69) Pentachlorophenol	11.07	266	334042	78.27	ng		98
70) Phenanthrene	11.29	178	1258805	35.62	ng		99
71) Anthracene	11.35	178	1519750	43.25	ng		99
72) Carbazole	11.50	167	1163359	35.18	ng		98
73) Di-n-butylphthalate	11.84	149	1744548	45.35	ng		99
74) Fluoranthene	12.47	202	1245204	34.76	ng		99
76) Benzidine	12.59	184	856737	35.94	ng		98
77) Pyrene	12.70	202	1267516	31.70	ng		99
79) Butylbenzylphthalate	13.33	149	701722	39.34	ng	#	81
80) Benzo(a)anthracene	13.89	228	1139168	37.52	ng		100
81) 3,3'-Dichlorobenzidine	13.85	252	276574	24.23	ng	#	96
82) Chrysene	13.92	228	1124191	37.42	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	766505	37.64	ng	#	99
84) Di-n-octyl phthalate	14.50	149	1612321	46.61	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.59	276	904413	39.13	ng	#	100
87) Benzo(b)fluoranthene	14.89	252	1106827m	44.87	ng		
88) Benzo(k)fluoranthene	14.93	252	1028184m	47.88	ng		
89) Benzo(a)pyrene	15.22	252	902754	43.23	ng		98
90) Dibenzo(a,h)anthracene	16.62	278	732479	42.00	ng		98
91) Benzo(g,h,i)perylene	16.99	276	748263	41.46	ng		98

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

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