Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
Data File : BF089797.D
Acq On : 19 Aug 2016 16:02
Operator : UM/SJ
Sample : PB92975BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB92975BS

Manual Integrations APPROVED
sohil
8/22/2016 3:47:29 PM

Quant Time: Aug 22 01:32:23 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	541397	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	2137737	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	1004284	20.00	ng		0.01
63) Phenanthrene-d10	11.20	188	1804178	20.00	ng		0.01
75) Chrysene-d12	13.85	240	1137313	20.00	ng		-0.02
86) Perylene-d12	15.34	264	952042	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	2531847	80.20	ng		0.01
7) Phenol-d6	6.32	99	3326627	85.84	ng		0.00
23) Nitrobenzene-d5	7.26	82	2868243	83.35	ng		0.00
41) 2,4,6-Tribromophenol	10.50	330	793704	83.16	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	4519685	79.10	ng		0.00
78) Terphenyl-d14	12.79	244	4242824	84.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	504102	32.26	ng		98
3) Pyridine	2.89	79	1457252	35.56	ng		96
4) n-Nitrosodimethylamine	2.86	42	604801	39.64	ng	#	74
6) Aniline	6.34	93	1545053	29.72	ng	#	45
8) 2-Chlorophenol	6.47	128	1558971	41.29	ng		87
9) Benzaldehyde	6.22	77	380077	15.06	ng		99
10) Phenol	6.34	94	1995474	43.93	ng		97
11) bis(2-Chloroethyl)ether	6.43	93	1412199	40.10	ng		88
12) 1,3-Dichlorobenzene	6.63	146	1627389m	41.23	ng		
13) 1,4-Dichlorobenzene	6.71	146	1602941m	39.51	ng		
14) 1,2-Dichlorobenzene	6.86	146	1504499m	39.73	ng		
15) Benzyl Alcohol	6.83	79	1091158	42.46	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1788284	39.67	ng		91
17) 2-Methylphenol	6.95	107	1250974	42.31	ng		97
18) Hexachloroethane	7.20	117	560575	38.74	ng	#	89
19) n-Nitroso-di-n-propylamine	7.12	70	1122551	45.29	ng	#	86
20) 3+4-Methylphenols	7.11	107	1433109	39.53	ng	#	69
22) Acetophenone	7.11	105	1879994	38.30	ng	#	90
24) Nitrobenzene	7.27	77	1458672	37.78	ng		98
25) Isophorone	7.52	82	2845802	41.01	ng	#	92
26) 2-Nitrophenol	7.59	139	781127	40.55	ng	#	83
27) 2,4-Dimethylphenol	7.63	122	1373367	39.56	ng		96
28) bis(2-Chloroethoxy)methane	7.74	93	1996235	46.49	ng		96
29) 2,4-Dichlorophenol	7.83	162	1178185	40.45	ng		93
30) 1,2,4-Trichlorobenzene	7.92	180	1322100	41.03	ng		95
31) Naphthalene	8.00	128	4105718	41.09	ng		99
32) Benzoic acid	7.76	122	863439	31.92	ng		97
33) 4-Chloroaniline	8.04	127	956949	22.10	ng	#	95
34) Hexachlorobutadiene	8.12	225	677120	40.13	ng		97
35) Caprolactam	8.42	113	394926	44.52	ng	#	70
36) 4-Chloro-3-methylphenol	8.54	107	1390464	44.07	ng		97
37) 2-Methylnaphthalene	8.68	142	2839573	43.93	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	1015829	31.24	ng		96
40) Hexachlorocyclopentadiene	8.84	237	1108400	98.17	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	850985	41.59	ng		99
43) 2,4,5-Trichlorophenol	9.00	196	888690	43.67	ng		96
45) 1,1'-Biphenyl	9.15	154	3110455	40.02	ng		95
46) 2-Chloronaphthalene	9.16	162	2546085	41.44	ng		99
47) 2-Nitroaniline	9.27	65	873444	49.85	ng	#	77
48) Acenaphthylene	9.58	152	3901023	42.26	ng		99
49) Dimethylphthalate	9.46	163	3188277	45.09	ng		99
50) 2,6-Dinitrotoluene	9.51	165	655652	40.16	ng	#	86
51) Acenaphthene	9.76	154	2984988	48.86	ng		98
52) 3-Nitroaniline	9.67	138	477087	26.38	ng		95
53) 2,4-Dinitrophenol	9.78	184	770940	80.09	ng	#	82
54) Dibenzofuran	9.93	168	3717341	48.44	ng		91
55) 4-Nitrophenol	9.84	139	1082920	73.35	ng		89
56) 2,4-Dinitrotoluene	9.91	165	817724	38.60	ng	#	59
57) Fluorene	10.26	166	2572599	42.07	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	754175	50.92	ng		99
59) Diethylphthalate	10.16	149	3088651	43.00	ng		97
60) 4-Chlorophenyl-phenylether	10.26	204	1091167	39.11	ng		94
61) 4-Nitroaniline	10.28	138	671965	39.63	ng		97
62) Azobenzene	10.42	77	3091316	45.77	ng		96
64) 4,6-Dinitro-2-methylphenol	10.32	198	457207	44.10	ng	#	57
65) n-Nitrosodiphenylamine	10.39	169	2624610	46.27	ng		98
66) 4-Bromophenyl-phenylether	10.75	248	834744	44.13	ng	#	86
67) Hexachlorobenzene	10.81	284	868616	40.25	ng	#	84
68) Atrazine	10.91	200	679081	39.09	ng		96
69) Pentachlorophenol	11.00	266	1011762	82.72	ng		98
70) Phenanthrene	11.22	178	3964631	43.51	ng		95
71) Anthracene	11.27	178	3745540	40.44	ng		99
72) Carbazole	11.43	167	3745828	45.09	ng		97
73) Di-n-butylphthalate	11.78	149	4512117	43.41	ng	#	98
74) Fluoranthene	12.40	202	3591161	41.43	ng		93
76) Benzidine	12.53	184	1378070	37.44	ng		97
77) Pyrene	12.63	202	3915456	42.28	ng		95
79) Butylbenzylphthalate	13.28	149	1944533	46.49	ng		88
80) Benzo(a)anthracene	13.84	228	2912997	44.72	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	699205	32.74	ng	#	93
82) Chrysene	13.89	228	2653038	47.51	ng		98
83) Bis(2-ethylhexyl)phthalate	13.87	149	2573946	44.67	ng		97
84) Di-n-octyl phthalate	14.55	149	3836053	50.10	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.63	276	2705366	37.97	ng		98
87) Benzo(b)fluoranthene	14.95	252	2218096	42.35	ng		97
88) Benzo(k)fluoranthene	14.98	252	2234622m	47.03	ng		
89) Benzo(a)pyrene	15.28	252	2238279	45.15	ng	#	96
90) Dibenzo(a,h)anthracene	16.65	278	2251649	41.85	ng		97
91) Benzo(g,h,i)perylene	17.01	276	2343632	41.36	ng		99

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

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