Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
Data File : BF088174.D
Acq On : 20 Jun 2016 16:02
Operator : UM/SJ
Sample : PB91373BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91373BS

Manual Integrations APPROVED
sohil
6/21/2016 4:21:53 PM

Quant Time: Jun 20 18:28:47 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 17:39:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	85499	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	342556	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	167870	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	306063	20.00	ng		0.00
75) Chrysene-d12	13.81	240	226367	20.00	ng		0.00
86) Perylene-d12	15.18	264	205265	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	549504	109.87	ng		0.01
7) Phenol-d6	6.33	99	682033	112.53	ng		0.00
23) Nitrobenzene-d5	7.24	82	468569	79.88	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	164704	92.92	ng		0.00
44) 2-Fluorobiphenyl	9.04	172	944433	88.62	ng		0.00
78) Terphenyl-d14	12.76	244	842744	84.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	74209	30.54	ng	#	41
3) Pyridine	2.87	79	226348	39.45	ng		92
4) n-Nitrosodimethylamine	2.82	42	94362	38.83	ng		83
6) Aniline	6.33	93	178669	20.71	ng	#	49
8) 2-Chlorophenol	6.46	128	251811	42.54	ng		94
10) Phenol	6.34	94	301042	48.29	ng		87
11) bis(2-Chloroethyl)ether	6.41	93	215126	40.48	ng		93
12) 1,3-Dichlorobenzene	6.60	146	255675	40.26	ng		98
13) 1,4-Dichlorobenzene	6.68	146	264461	41.33	ng		99
14) 1,2-Dichlorobenzene	6.84	146	228193	39.22	ng		100
15) Benzyl Alcohol	6.82	79	170058	35.86	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.96	45	257810	35.90	ng		70
17) 2-Methylphenol	6.95	107	201065	41.88	ng		97
18) Hexachloroethane	7.18	117	94517	41.63	ng		91
19) n-Nitroso-di-n-propylamine	7.10	70	162349	41.87	ng	#	86
20) 3+4-Methylphenols	7.11	107	269705	48.15	ng	#	75
22) Acetophenone	7.08	105	322080	42.07	ng	#	97
24) Nitrobenzene	7.26	77	227152	39.97	ng		89
25) Isophorone	7.50	82	456325	42.00	ng		98
26) 2-Nitrophenol	7.58	139	136159	44.73	ng	#	88
27) 2,4-Dimethylphenol	7.63	122	234688	41.87	ng		99
28) bis(2-Chloroethoxy)methane	7.71	93	283702	42.10	ng	#	97
29) 2,4-Dichlorophenol	7.83	162	221429	47.32	ng		95
30) 1,2,4-Trichlorobenzene	7.90	180	209422	41.10	ng		99
31) Naphthalene	7.98	128	725620	42.80	ng		99
32) Benzoic acid	7.76	122	69252	22.44	ng		96
33) 4-Chloroaniline	8.03	127	138343	18.28	ng		96
34) Hexachlorobutadiene	8.09	225	110411	41.09	ng		98
35) Caprolactam	8.41	113	67889m	43.80	ng		
36) 4-Chloro-3-methylphenol	8.54	107	223162	44.59	ng		98
37) 2-Methylnaphthalene	8.67	142	480383	42.99	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	200155	46.24	ng	#	1
40) Hexachlorocyclopentadiene	8.82	237	119381	44.09	ng		98
42) 2,4,6-Trichlorophenol	8.96	196	133933	39.90	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	145473	41.65	ng	#	92
45) 1,1'-Biphenyl	9.13	154	565765	44.88	ng		98
46) 2-Chloronaphthalene	9.15	162	449460	41.38	ng		99
47) 2-Nitroaniline	9.26	65	122438	38.21	ng		93
48) Acenaphthylene	9.56	152	656800	38.01	ng		100
49) Dimethylphthalate	9.44	163	528586	43.47	ng		99
50) 2,6-Dinitrotoluene	9.51	165	133270	47.86	ng		89
51) Acenaphthene	9.74	154	407416	37.80	ng		99
52) 3-Nitroaniline	9.67	138	77204	24.03	ng		97
53) 2,4-Dinitrophenol	9.78	184	44011	34.76	ng		91
54) Dibenzofuran	9.91	168	562410	37.89	ng	#	90
55) 4-Nitrophenol	9.86	139	142380	57.09	ng	#	77
56) 2,4-Dinitrotoluene	9.91	165	147823	41.30	ng	#	60
57) Fluorene	10.25	166	466472	46.68	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	105348	38.38	ng	#	53
59) Diethylphthalate	10.14	149	533822	43.37	ng		99
60) 4-Chlorophenyl-phenylether	10.24	204	195464	39.59	ng	#	87
61) 4-Nitroaniline	10.28	138	124241	40.76	ng		98
62) Azobenzene	10.40	77	500229	41.10	ng		94
64) 4,6-Dinitro-2-methylphenol	10.32	198	49544	26.92	ng	#	64
65) n-Nitrosodiphenylamine	10.36	169	422255	41.58	ng		100
66) 4-Bromophenyl-phenylether	10.73	248	144351	43.96	ng	#	91
67) Hexachlorobenzene	10.80	284	147424	43.21	ng	#	73
68) Atrazine	10.90	200	152840	49.70	ng		94
69) Pentachlorophenol	10.99	266	81206	45.16	ng		97
70) Phenanthrene	11.21	178	724070	45.08	ng		98
71) Anthracene	11.26	178	694919	42.90	ng		99
72) Carbazole	11.42	167	651180	42.95	ng		100
73) Di-n-butylphthalate	11.75	149	796752	41.52	ng		100
74) Fluoranthene	12.39	202	737545	43.52	ng		97
76) Benzidine	12.51	184	282026	45.00	ng		98
77) Pyrene	12.62	202	770342	45.86	ng		99
79) Butylbenzylphthalate	13.23	149	345453	46.52	ng	#	86
80) Benzo(a)anthracene	13.79	228	550747	42.69	ng		100
81) 3,3'-Dichlorobenzidine	13.76	252	109450	31.55	ng	#	96
82) Chrysene	13.84	228	621409	51.20	ng		97
83) Bis(2-ethylhexyl)phthalate	13.79	149	413873	45.78	ng		99
84) Di-n-octyl phthalate	14.40	149	802116	54.60	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.47	276	479843	42.56	ng	#	100
87) Benzo(b)fluoranthene	14.80	252	522182m	36.50	ng		
88) Benzo(k)fluoranthene	14.83	252	560474m	51.93	ng		
89) Benzo(a)pyrene	15.13	252	511349	44.18	ng	#	93
90) Dibenzo(a,h)anthracene	16.47	278	403047	37.49	ng		97
91) Benzo(g,h,i)perylene	16.85	276	422083	38.17	ng		98

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

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