Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083131.D
Acq On : 22 Nov 2015 1:35
Operator : UM/IZ
Sample : PB86744BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86744BS

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:01:37 PM

Quant Time: Nov 22 09:44:23 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	201184	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	756620	20.00	ng		-0.01
38) Acenaphthene-d10	9.69	164	379909	20.00	ng		-0.01
63) Phenanthrene-d10	11.16	188	700849	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	628481	20.00	ng		-0.01
86) Perylene-d12	15.15	264	555266	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1444683	108.57	ng		0.00
7) Phenol-d6	6.33	99	1887300	109.61	ng		-0.01
23) Nitrobenzene-d5	7.22	82	1190084	71.87	ng		-0.01
41) 2,4,6-Tribromophenol	10.48	330	391578	100.75	ng		-0.01
44) 2-Fluorobiphenyl	9.03	172	1896888	69.62	ng		0.00
78) Terphenyl-d14	12.75	244	1934138	72.47	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	205345	31.15	ng		95
3) Pyridine	2.97	79	563025	32.34	ng		100
4) n-Nitrosodimethylamine	2.86	42	287803	35.84	ng		98
6) Aniline	6.33	93	513322	24.39	ng	#	47
8) 2-Chlorophenol	6.44	128	499693	34.76	ng		98
9) Benzaldehyde	6.20	77	349487	40.70	ng		90
10) Phenol	6.34	94	740057	35.53	ng	#	75
11) bis(2-Chloroethyl)ether	6.40	93	523730	35.21	ng		97
12) 1,3-Dichlorobenzene	6.59	146	555475m	33.84	ng		
13) 1,4-Dichlorobenzene	6.67	146	571349	34.41	ng		93
14) 1,2-Dichlorobenzene	6.82	146	487379	32.29	ng		95
15) Benzyl Alcohol	6.82	79	491564	34.17	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	853294	36.79	ng		85
17) 2-Methylphenol	6.95	107	426473	35.85	ng		95
18) Hexachloroethane	7.16	117	196001	33.51	ng	#	87
19) n-Nitroso-di-n-propylamine	7.10	70	406412	33.92	ng	#	85
20) 3+4-Methylphenols	7.10	107	558729	37.15	ng		92
22) Acetophenone	7.08	105	718214	33.06	ng	#	93
24) Nitrobenzene	7.24	77	603232	34.10	ng		100
25) Isophorone	7.50	82	1068843	34.09	ng		98
26) 2-Nitrophenol	7.56	139	273313	34.99	ng		95
27) 2,4-Dimethylphenol	7.62	122	453563	36.39	ng		96
28) bis(2-Chloroethoxy)methane	7.71	93	659597	36.19	ng		99
29) 2,4-Dichlorophenol	7.82	162	449204	37.89	ng		98
30) 1,2,4-Trichlorobenzene	7.88	180	438027	33.63	ng		95
31) Naphthalene	7.96	128	1437835	35.21	ng		99
32) Benzoic acid	7.78	122	335959	34.67	ng		98
33) 4-Chloroaniline	8.02	127	235762	14.88	ng		98
34) Hexachlorobutadiene	8.09	225	265435	34.49	ng		99
35) Caprolactam	8.42	113	91789	24.16	ng		95
36) 4-Chloro-3-methylphenol	8.52	107	479207	34.89	ng		87
37) 2-Methylnaphthalene	8.65	142	923999	34.87	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	407105	33.06	ng		97
40) Hexachlorocyclopentadiene	8.81	237	458020	65.42	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	314794	35.70	ng		99
43) 2,4,5-Trichlorophenol	8.99	196	313156	34.73	ng		98
45) 1,1'-Biphenyl	9.12	154	1077601	33.33	ng		97
46) 2-Chloronaphthalene	9.14	162	908488	35.77	ng		96
47) 2-Nitroaniline	9.24	65	314250	34.98	ng		97
48) Acenaphthylene	9.55	152	1404516	35.68	ng		99
49) Dimethylphthalate	9.44	163	1089146	37.24	ng		99
50) 2,6-Dinitrotoluene	9.48	165	220385	33.58	ng		98
51) Acenaphthene	9.72	154	829109	34.61	ng		99
52) 3-Nitroaniline	9.66	138	122599	17.52	ng	#	64
53) 2,4-Dinitrophenol	9.76	184	257770	68.17	ng	#	86
54) Dibenzofuran	9.90	168	1168374	34.49	ng		96
55) 4-Nitrophenol	9.85	139	368724	68.72	ng		96
56) 2,4-Dinitrotoluene	9.88	165	293410	35.28	ng		91
57) Fluorene	10.24	166	1000748	35.75	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	272997	36.91	ng		100
59) Diethylphthalate	10.14	149	1052883	36.16	ng		99
60) 4-Chlorophenyl-phenylether	10.24	204	455600	35.54	ng	#	81
61) 4-Nitroaniline	10.27	138	220100	31.95	ng		91
62) Azobenzene	10.39	77	1222143	36.78	ng		97
64) 4,6-Dinitro-2-methylphenol	10.30	198	183609	38.02	ng		90
65) n-Nitrosodiphenylamine	10.35	169	814962	34.19	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	285690	36.73	ng	#	89
67) Hexachlorobenzene	10.79	284	307792	35.94	ng	#	77
68) Atrazine	10.89	200	267591	38.66	ng		98
69) Pentachlorophenol	10.98	266	371105	66.52	ng		99
70) Phenanthrene	11.19	178	1393162	34.50	ng		99
71) Anthracene	11.24	178	1557492	37.81	ng		99
72) Carbazole	11.40	167	1346054	36.76	ng		99
73) Di-n-butylphthalate	11.75	149	1635647	36.60	ng		99
74) Fluoranthene	12.38	202	1541812	37.31	ng		94
76) Benzidine	12.50	184	677249	41.11	ng		99
77) Pyrene	12.59	202	1513166	35.24	ng		99
79) Butylbenzylphthalate	13.23	149	722937	35.58	ng		98
80) Benzo(a)anthracene	13.78	228	1433663	36.88	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	331452	24.50	ng		100
82) Chrysene	13.82	228	1152426	31.97	ng		98
83) Bis(2-ethylhexyl)phthalate	13.79	149	943775	35.56	ng		99
84) Di-n-octyl phthalate	14.41	149	1636294	35.81	ng		99
85) Indeno(1,2,3-cd)pyrene	16.42	276	1162288	35.45	ng		97
87) Benzo(b)fluoranthene	14.79	252	1363870m	35.95	ng		
88) Benzo(k)fluoranthene	14.81	252	1002378m	35.46	ng		
89) Benzo(a)pyrene	15.11	252	1142605	36.48	ng		99
90) Dibenzo(a,h)anthracene	16.43	278	991053	34.83	ng		98
91) Benzo(g,h,i)perylene	16.80	276	945916	34.05	ng		97

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

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