Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082451.D
Acq On : 22 Oct 2015 18:09
Operator : UM/IZ
Sample : PB86210BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86210BS

Manual Integrations APPROVED
mmdadoda
10/23/2015 4:45:14 PM

Quant Time: Oct 23 02:06:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 23 01:26:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	103786	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	414677	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	214972	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	421026	20.00	ng		-0.01
75) Chrysene-d12	13.99	240	409585	20.00	ng		-0.01
86) Perylene-d12	15.51	264	328730	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	360625	70.13	ng		0.01
7) Phenol-d6	6.41	99	447551	66.88	ng		-0.01
23) Nitrobenzene-d5	7.34	82	429826	69.61	ng		-0.01
41) 2,4,6-Tribromophenol	10.61	330	115840	57.46	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	821071	63.34	ng		-0.01
78) Terphenyl-d14	12.89	244	976574	63.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	68732	26.60	ng		97
3) Pyridine	3.06	79	171649	28.56	ng		98
4) n-Nitrosodimethylamine	3.03	42	76749	30.11	ng		95
6) Aniline	6.42	93	113391	13.14	ng	#	12
8) 2-Chlorophenol	6.55	128	210584	33.54	ng		90
9) Benzaldehyde	6.31	77	81226	23.77	ng		96
10) Phenol	6.43	94	233657	30.28	ng		91
11) bis(2-Chloroethyl)ether	6.50	93	183617	28.14	ng		99
12) 1,3-Dichlorobenzene	6.70	146	232223	31.76	ng		99
13) 1,4-Dichlorobenzene	6.78	146	240409	31.49	ng		99
14) 1,2-Dichlorobenzene	6.93	146	212900	29.37	ng		98
15) Benzyl Alcohol	6.91	79	160119	34.66	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.04	45	283884	31.24	ng	#	8
17) 2-Methylphenol	7.04	107	164304	33.10	ng	#	92
18) Hexachloroethane	7.27	117	81399	31.15	ng		98
19) n-Nitroso-di-n-propylamine	7.19	70	142935	30.41	ng		99
20) 3+4-Methylphenols	7.20	107	213218	36.04	ng	#	58
22) Acetophenone	7.18	105	278523	33.95	ng	#	89
24) Nitrobenzene	7.35	77	195042	29.18	ng		99
25) Isophorone	7.59	82	379794	30.47	ng		98
26) 2-Nitrophenol	7.67	139	109074	32.68	ng	#	88
27) 2,4-Dimethylphenol	7.73	122	175253	32.59	ng		91
28) bis(2-Chloroethoxy)methane	7.81	93	232612	32.08	ng		97
29) 2,4-Dichlorophenol	7.92	162	193439	35.99	ng		99
30) 1,2,4-Trichlorobenzene	7.99	180	188340	30.40	ng		99
31) Naphthalene	8.07	128	564642	31.41	ng		100
32) Benzoic acid	7.86	122	112383	31.14	ng		98
33) 4-Chloroaniline	8.14	127	69456	9.30	ng		96
34) Hexachlorobutadiene	8.18	225	110695	28.67	ng		99
35) Caprolactam	8.51	113	58877	37.74	ng		96
36) 4-Chloro-3-methylphenol	8.63	107	180899	34.42	ng		99
37) 2-Methylnaphthalene	8.77	142	418222	33.56	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	199400	31.18	ng		98
40) Hexachlorocyclopentadiene	8.91	237	111872	39.29	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	122777	28.91	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	140426	30.52	ng	#	88
45) 1,1'-Biphenyl	9.23	154	538471	32.85	ng		97
46) 2-Chloronaphthalene	9.26	162	407594	31.59	ng		95
47) 2-Nitroaniline	9.36	65	114808	32.41	ng		99
48) Acenaphthylene	9.67	152	617683	30.73	ng		99
49) Dimethylphthalate	9.54	163	510698	33.74	ng		99
50) 2,6-Dinitrotoluene	9.61	165	104750	32.79	ng	#	78
51) Acenaphthene	9.84	154	363001	30.08	ng		99
52) 3-Nitroaniline	9.77	138	48454	13.43	ng	#	73
53) 2,4-Dinitrophenol	9.89	184	71264	43.13	ng	#	80
54) Dibenzofuran	10.01	168	563831	34.03	ng		96
55) 4-Nitrophenol	9.97	139	117283	54.04	ng		99
56) 2,4-Dinitrotoluene	10.01	165	144735	36.25	ng		94
57) Fluorene	10.35	166	442137	32.49	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	111735	29.73	ng		98
59) Diethylphthalate	10.24	149	507060	35.94	ng		100
60) 4-Chlorophenyl-phenylether	10.35	204	223892	35.92	ng		88
61) 4-Nitroaniline	10.40	138	109735	31.36	ng		97
62) Azobenzene	10.51	77	480639	34.80	ng		91
64) 4,6-Dinitro-2-methylphenol	10.42	198	72347	30.62	ng		99
65) n-Nitrosodiphenylamine	10.48	169	410034	32.53	ng		100
66) 4-Bromophenyl-phenylether	10.85	248	133587	31.70	ng	#	84
67) Hexachlorobenzene	10.90	284	135955	29.83	ng	#	73
68) Atrazine	11.01	200	130150	32.59	ng		97
69) Pentachlorophenol	11.11	266	121989	52.02	ng		98
70) Phenanthrene	11.33	178	746147	36.16	ng		99
71) Anthracene	11.37	178	707022	33.25	ng		99
72) Carbazole	11.53	167	638878	32.93	ng		99
73) Di-n-butylphthalate	11.86	149	810195	33.85	ng		100
74) Fluoranthene	12.52	202	801367	36.15	ng		97
76) Benzidine	12.64	184	225994	19.04	ng		99
77) Pyrene	12.74	202	830930	34.18	ng		99
79) Butylbenzylphthalate	13.38	149	352947	31.82	ng	#	81
80) Benzo(a)anthracene	13.98	228	679475	31.88	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	116841	14.44	ng	#	97
82) Chrysene	14.01	228	591702	26.35	ng		100
83) Bis(2-ethylhexyl)phthalate	13.97	149	467689	29.55	ng	#	98
84) Di-n-octyl phthalate	14.65	149	834512	30.70	ng		100
85) Indeno(1,2,3-cd)pyrene	16.90	276	498260	27.92	ng		98
87) Benzo(b)fluoranthene	15.10	252	578464	28.92	ng		98
88) Benzo(k)fluoranthene	15.13	252	604626m	35.97	ng		
89) Benzo(a)pyrene	15.45	252	555492	32.32	ng	#	96
90) Dibenzo(a,h)anthracene	16.92	278	421580	29.93	ng		99
91) Benzo(g,h,i)perylene	17.33	276	404242	29.54	ng		98

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

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