Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
Data File : BF084098.D
Acq On : 25 Dec 2015 00:17
Operator : UM/SJ
Sample : PB87558BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87558BS

Manual Integrations APPROVED
Sohil
12/28/2015 1:10:04 PM

Quant Time: Dec 25 05:36:52 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 16:48:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	48118	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	186842	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	87348	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	164769	20.00	ng		0.00
75) Chrysene-d12	13.96	240	128568	20.00	ng		0.00
86) Perylene-d12	15.38	264	98130	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	330047	116.29	ng		0.01
7) Phenol-d6	6.45	99	376514	107.21	ng		0.00
23) Nitrobenzene-d5	7.37	82	242856	76.08	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	103328	110.93	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	499255	78.21	ng		0.00
78) Terphenyl-d14	12.90	244	445284	62.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	37673	32.39	ng		99
3) Pyridine	3.15	79	92162	32.44	ng		97
4) n-Nitrosodimethylamine	3.09	42	45648	36.47	ng		100
6) Aniline	6.46	93	78498	17.68	ng	#	11
8) 2-Chlorophenol	6.59	128	135266	38.38	ng		92
9) Benzaldehyde	6.35	77	36016	19.18	ng		86
10) Phenol	6.46	94	133969	33.35	ng		81
11) bis(2-Chloroethyl)ether	6.53	93	103518	35.74	ng		95
12) 1,3-Dichlorobenzene	6.74	146	137447	35.72	ng		98
13) 1,4-Dichlorobenzene	6.82	146	135867m	35.09	ng		
14) 1,2-Dichlorobenzene	6.97	146	131744	36.92	ng		99
15) Benzyl Alcohol	6.94	79	104095	39.14	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	7.08	45	98296	34.74	ng		59
17) 2-Methylphenol	7.07	107	98767	36.50	ng	#	92
18) Hexachloroethane	7.31	117	50713	35.89	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	80790	37.35	ng	#	90
20) 3+4-Methylphenols	7.23	107	132589	38.41	ng	#	47
22) Acetophenone	7.21	105	170456	36.51	ng	#	93
24) Nitrobenzene	7.38	77	116926	34.50	ng		95
25) Isophorone	7.63	82	214140	36.27	ng	#	92
26) 2-Nitrophenol	7.70	139	64983	37.46	ng	#	82
27) 2,4-Dimethylphenol	7.76	122	114342	39.72	ng		94
28) bis(2-Chloroethoxy)methane	7.84	93	127537	37.05	ng		100
29) 2,4-Dichlorophenol	7.95	162	102770	38.44	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	109697	37.44	ng		95
31) Naphthalene	8.11	128	366523	36.87	ng		99
32) Benzoic acid	7.89	122	54873	39.75	ng		98
33) 4-Chloroaniline	8.16	127	39087	9.88	ng		97
34) Hexachlorobutadiene	8.22	225	59414	35.55	ng		98
35) Caprolactam	8.53	113	32721m	44.13	ng		
36) 4-Chloro-3-methylphenol	8.66	107	119221	39.66	ng		94
37) 2-Methylnaphthalene	8.80	142	238766	38.37	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	106813	38.79	ng		99
40) Hexachlorocyclopentadiene	8.96	237	53001	69.77	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	63836	35.56	ng		97
43) 2,4,5-Trichlorophenol	9.13	196	67667	37.65	ng	#	77
45) 1,1'-Biphenyl	9.26	154	305611	38.73	ng		97
46) 2-Chloronaphthalene	9.29	162	229509	38.26	ng		94
47) 2-Nitroaniline	9.39	65	63182	39.64	ng	#	51
48) Acenaphthylene	9.70	152	362744	36.82	ng		100
49) Dimethylphthalate	9.56	163	257029	35.53	ng	#	89
50) 2,6-Dinitrotoluene	9.63	165	64331	41.89	ng		93
51) Acenaphthene	9.87	154	213672	37.29	ng		98
52) 3-Nitroaniline	9.80	138	26973	16.37	ng	#	72
53) 2,4-Dinitrophenol	9.92	184	39852	70.45	ng		96
54) Dibenzofuran	10.04	168	308452	39.14	ng		90
55) 4-Nitrophenol	9.98	139	67974	80.81	ng	#	79
56) 2,4-Dinitrotoluene	10.04	165	77740	38.35	ng		86
57) Fluorene	10.38	166	253925	37.92	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	56766	44.31	ng	#	98
59) Diethylphthalate	10.26	149	257909	35.10	ng		95
60) 4-Chlorophenyl-phenylether	10.37	204	104940	33.97	ng	#	80
61) 4-Nitroaniline	10.42	138	63122	41.44	ng		88
62) Azobenzene	10.53	77	246715	40.75	ng		90
64) 4,6-Dinitro-2-methylphenol	10.45	198	34292	37.50	ng		80
65) n-Nitrosodiphenylamine	10.50	169	237000	40.35	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	71642	37.53	ng	#	79
67) Hexachlorobenzene	10.93	284	74970	35.87	ng	#	74
68) Atrazine	11.02	200	63415	35.85	ng		99
69) Pentachlorophenol	11.14	266	53379	77.89	ng		99
70) Phenanthrene	11.34	178	367941	37.67	ng		98
71) Anthracene	11.40	178	371274	36.35	ng		99
72) Carbazole	11.55	167	339023	39.02	ng		100
73) Di-n-butylphthalate	11.88	149	412375	36.84	ng	#	98
74) Fluoranthene	12.53	202	400144	37.81	ng		95
76) Benzidine	12.65	184	121249	27.75	ng		100
77) Pyrene	12.76	202	422844	38.12	ng		99
79) Butylbenzylphthalate	13.38	149	180249	39.26	ng	#	78
80) Benzo(a)anthracene	13.95	228	312367	39.50	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	56108	23.43	ng	#	95
82) Chrysene	13.99	228	287478m	39.42	ng		
83) Bis(2-ethylhexyl)phthalate	13.94	149	236830	39.92	ng	#	94
84) Di-n-octyl phthalate	14.55	149	363819	43.58	ng		100
85) Indeno(1,2,3-cd)pyrene	16.77	276	264092	36.16	ng		99
87) Benzo(b)fluoranthene	14.98	252	290857m	39.91	ng		
88) Benzo(k)fluoranthene	15.00	252	208099m	42.14	ng		
89) Benzo(a)pyrene	15.32	252	235838	39.28	ng		100
90) Dibenzo(a,h)anthracene	16.77	278	218459	37.29	ng	#	95
91) Benzo(g,h,i)perylene	17.19	276	222702	37.24	ng		98

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

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