Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083956.D
Acq On : 19 Dec 2015 16:02
Operator : UM/SJ
Sample : PB87359BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87359BS

Manual Integrations APPROVED
apatel
12/22/2015 12:00:12 PM

Quant Time: Dec 21 03:16:51 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	55194	20.00	ng		-0.02
21) Naphthalene-d8	8.13	136	214984	20.00	ng		-0.02
38) Acenaphthene-d10	9.88	164	106429	20.00	ng		-0.03
63) Phenanthrene-d10	11.37	188	197347	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	181413	20.00	ng		-0.02
86) Perylene-d12	15.44	264	128919	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	340123	96.44	ng		-0.01
7) Phenol-d6	6.50	99	438826	101.65	ng		-0.01
23) Nitrobenzene-d5	7.41	82	275473	73.13	ng		-0.02
41) 2,4,6-Tribromophenol	10.68	330	147336	125.66	ng		-0.02
44) 2-Fluorobiphenyl	9.21	172	577194	74.71	ng		-0.03
78) Terphenyl-d14	12.96	244	635299	81.63	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	40730	26.62	ng		97
3) Pyridine	3.23	79	119014	31.46	ng		99
4) n-Nitrosodimethylamine	3.17	42	51780	35.88	ng		96
6) Aniline	6.51	93	90305	16.24	ng	#	1
8) 2-Chlorophenol	6.64	128	142828	34.03	ng		96
9) Benzaldehyde	6.40	77	50483	19.41	ng		92
10) Phenol	6.51	94	173735	36.07	ng		92
11) bis(2-Chloroethyl)ether	6.59	93	128435	35.10	ng		96
12) 1,3-Dichlorobenzene	6.80	146	150741	33.39	ng		97
13) 1,4-Dichlorobenzene	6.86	146	154672	33.56	ng		95
14) 1,2-Dichlorobenzene	7.02	146	148042	39.40	ng		95
15) Benzyl Alcohol	7.00	79	122363	37.46	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	128021	33.93	ng		83
17) 2-Methylphenol	7.12	107	116617	35.42	ng		94
18) Hexachloroethane	7.37	117	57592	34.05	ng	#	88
19) n-Nitroso-di-n-propylamine	7.26	70	90536	35.97	ng	#	86
20) 3+4-Methylphenols	7.28	107	150966	39.02	ng	#	46
22) Acetophenone	7.26	105	202619	39.15	ng	#	94
24) Nitrobenzene	7.44	77	155112	39.82	ng		92
25) Isophorone	7.68	82	265123	37.41	ng		98
26) 2-Nitrophenol	7.76	139	82452	40.89	ng		97
27) 2,4-Dimethylphenol	7.80	122	141105	40.62	ng		93
28) bis(2-Chloroethoxy)methane	7.88	93	148440	35.41	ng		100
29) 2,4-Dichlorophenol	8.00	162	117206	37.19	ng		96
30) 1,2,4-Trichlorobenzene	8.08	180	118174	34.92	ng		98
31) Naphthalene	8.16	128	425697	39.01	ng		99
32) Benzoic acid	7.93	122	62006	48.30	ng		99
33) 4-Chloroaniline	8.20	127	51192	10.49	ng		97
34) Hexachlorobutadiene	8.28	225	74708	35.35	ng		99
35) Caprolactam	8.57	113	38390m	36.87	ng		
36) 4-Chloro-3-methylphenol	8.70	107	147745	41.40	ng		96
37) 2-Methylnaphthalene	8.85	142	297390	39.80	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	116125	34.61	ng		98
40) Hexachlorocyclopentadiene	9.00	237	65233	62.45	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	79359	35.82	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	85750	39.11	ng	#	86
45) 1,1'-Biphenyl	9.31	154	360246	40.15	ng		99
46) 2-Chloronaphthalene	9.33	162	259330	36.76	ng		98
47) 2-Nitroaniline	9.44	65	77073	36.62	ng	#	51
48) Acenaphthylene	9.76	152	436814	35.20	ng		100
49) Dimethylphthalate	9.62	163	345423	38.68	ng	#	90
50) 2,6-Dinitrotoluene	9.68	165	77570	39.82	ng		91
51) Acenaphthene	9.92	154	287573	37.70	ng		99
52) 3-Nitroaniline	9.84	138	32258	15.71	ng		99
53) 2,4-Dinitrophenol	9.95	184	49749	72.27	ng	#	68
54) Dibenzofuran	10.10	168	399811	40.35	ng		99
55) 4-Nitrophenol	10.02	139	86617	67.57	ng	#	80
56) 2,4-Dinitrotoluene	10.08	165	89541	35.86	ng	#	89
57) Fluorene	10.43	166	299455	39.36	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	67043	41.33	ng		97
59) Diethylphthalate	10.32	149	350392	37.95	ng		100
60) 4-Chlorophenyl-phenylether	10.43	204	144570	38.07	ng		98
61) 4-Nitroaniline	10.45	138	61811	29.09	ng		94
62) Azobenzene	10.59	77	322403	41.66	ng		98
64) 4,6-Dinitro-2-methylphenol	10.49	198	42179	35.86	ng	#	71
65) n-Nitrosodiphenylamine	10.54	169	256451	35.71	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	86615	35.90	ng	#	62
67) Hexachlorobenzene	10.99	284	100849	39.70	ng		99
68) Atrazine	11.07	200	82013	36.05	ng		97
69) Pentachlorophenol	11.18	266	82429	76.67	ng		99
70) Phenanthrene	11.39	178	436842	36.64	ng		99
71) Anthracene	11.45	178	443962	38.52	ng		100
72) Carbazole	11.60	167	401453	35.25	ng		100
73) Di-n-butylphthalate	11.94	149	524980	39.24	ng		100
74) Fluoranthene	12.58	202	423679	35.61	ng		99
76) Benzidine	12.69	184	108149	14.89	ng		99
77) Pyrene	12.81	202	441908	38.86	ng		100
79) Butylbenzylphthalate	13.43	149	222819	36.90	ng		99
80) Benzo(a)anthracene	14.00	228	387478	34.74	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	72892	17.49	ng	#	95
82) Chrysene	14.03	228	330985	30.72	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	305073	37.84	ng		100
84) Di-n-octyl phthalate	14.59	149	523668	41.50	ng		100
85) Indeno(1,2,3-cd)pyrene	16.85	276	304488	37.79	ng		100
87) Benzo(b)fluoranthene	15.03	252	319588m	34.00	ng		
88) Benzo(k)fluoranthene	15.06	252	342630m	44.19	ng		
89) Benzo(a)pyrene	15.38	252	302481	38.97	ng	#	97
90) Dibenzo(a,h)anthracene	16.87	278	254797	42.20	ng	#	95
91) Benzo(g,h,i)perylene	17.28	276	252865	42.73	ng		99

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

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