Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
Data File : BF082354.D
Acq On : 19 Oct 2015 14:34
Operator : UM/IZ
Sample : PB86144BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86144BS

Manual Integrations APPROVED
MMdadoda
10/20/2015 6:25:44 PM

Quant Time: Oct 20 02:13:59 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 20 01:57:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	102323	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	392208	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	208807	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	389236	20.00	ng		-0.01
75) Chrysene-d12	14.06	240	370193	20.00	ng		-0.03
86) Perylene-d12	15.60	264	315291	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	606389	119.60	ng		0.01
7) Phenol-d6	6.45	99	758810	115.01	ng		0.00
23) Nitrobenzene-d5	7.37	82	481399	82.43	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	208959	106.71	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1059614	84.16	ng		0.00
78) Terphenyl-d14	12.94	244	1019094	72.95	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	80706	31.68	ng		98
3) Pyridine	3.13	79	209472	35.36	ng		99
4) n-Nitrosodimethylamine	3.10	42	93900	37.37	ng		98
6) Aniline	6.47	93	188404	22.15	ng	#	77
8) 2-Chlorophenol	6.58	128	224571	36.28	ng	#	75
9) Benzaldehyde	6.34	77	74604	22.14	ng		87
10) Phenol	6.46	94	252614	33.21	ng		85
11) bis(2-Chloroethyl)ether	6.55	93	228748	35.56	ng		96
12) 1,3-Dichlorobenzene	6.74	146	277874m	38.55	ng		
13) 1,4-Dichlorobenzene	6.82	146	274847	36.51	ng		96
14) 1,2-Dichlorobenzene	6.97	146	266201	37.24	ng		95
15) Benzyl Alcohol	6.95	79	181850	39.93	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	321550	35.90	ng		98
17) 2-Methylphenol	7.07	107	196158	40.08	ng		98
18) Hexachloroethane	7.31	117	94735	36.77	ng	#	83
19) n-Nitroso-di-n-propylamine	7.22	70	162247	35.02	ng	#	88
20) 3+4-Methylphenols	7.22	107	234790	40.26	ng		96
22) Acetophenone	7.22	105	321001	41.37	ng	#	95
24) Nitrobenzene	7.39	77	246314	38.96	ng		96
25) Isophorone	7.63	82	458507	38.90	ng		98
26) 2-Nitrophenol	7.71	139	136427	43.22	ng		96
27) 2,4-Dimethylphenol	7.76	122	222774	43.80	ng		95
28) bis(2-Chloroethoxy)methane	7.85	93	294869	42.99	ng		99
29) 2,4-Dichlorophenol	7.95	162	218009	42.88	ng		96
30) 1,2,4-Trichlorobenzene	8.03	180	233084	39.78	ng		98
31) Naphthalene	8.11	128	675314	39.72	ng		100
32) Benzoic acid	7.90	122	130469	38.22	ng		91
33) 4-Chloroaniline	8.17	127	117243	16.60	ng		98
34) Hexachlorobutadiene	8.23	225	139237	38.13	ng		98
35) Caprolactam	8.55	113	62732	42.52	ng	#	72
36) 4-Chloro-3-methylphenol	8.66	107	221009	44.46	ng		97
37) 2-Methylnaphthalene	8.81	142	505084	42.85	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	224804	36.20	ng		97
40) Hexachlorocyclopentadiene	8.96	237	195984	64.19	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	158897	38.52	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	171011	38.27	ng	#	87
45) 1,1'-Biphenyl	9.28	154	614987	38.62	ng		95
46) 2-Chloronaphthalene	9.30	162	495349	39.52	ng		99
47) 2-Nitroaniline	9.41	65	146791	42.66	ng	#	79
48) Acenaphthylene	9.71	152	744564	38.13	ng		99
49) Dimethylphthalate	9.59	163	587210	39.94	ng		98
50) 2,6-Dinitrotoluene	9.65	165	121058	39.02	ng	#	80
51) Acenaphthene	9.89	154	426023	36.34	ng		99
52) 3-Nitroaniline	9.82	138	66828	19.07	ng		98
53) 2,4-Dinitrophenol	9.93	184	135755	78.44	ng	#	90
54) Dibenzofuran	10.06	168	629015	39.08	ng		96
55) 4-Nitrophenol	9.99	139	152296	67.21	ng	#	83
56) 2,4-Dinitrotoluene	10.06	165	175394	45.23	ng		92
57) Fluorene	10.40	166	503664	38.10	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.18	232	146102	40.02	ng		98
59) Diethylphthalate	10.29	149	597140	43.57	ng		97
60) 4-Chlorophenyl-phenylether	10.40	204	253709	41.90	ng	#	79
61) 4-Nitroaniline	10.43	138	123740	36.40	ng		93
62) Azobenzene	10.56	77	551625	41.12	ng		86
64) 4,6-Dinitro-2-methylphenol	10.46	198	89454	40.95	ng	#	54
65) n-Nitrosodiphenylamine	10.51	169	461358	39.59	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	152908	39.25	ng	#	80
67) Hexachlorobenzene	10.95	284	165199	39.21	ng	#	78
68) Atrazine	11.05	200	177616	48.11	ng		99
69) Pentachlorophenol	11.15	266	178737	82.45	ng		97
70) Phenanthrene	11.37	178	823695	43.17	ng		99
71) Anthracene	11.42	178	831752	42.31	ng		99
72) Carbazole	11.58	167	719677	40.13	ng		99
73) Di-n-butylphthalate	11.91	149	984738	44.51	ng		99
74) Fluoranthene	12.56	202	929782	45.37	ng		98
76) Benzidine	12.69	184	284474	26.52	ng		97
77) Pyrene	12.79	202	857310	39.02	ng		99
79) Butylbenzylphthalate	13.43	149	393959	39.29	ng		95
80) Benzo(a)anthracene	14.05	228	748540	38.86	ng		100
81) 3,3'-Dichlorobenzidine	14.00	252	167711	22.94	ng	#	98
82) Chrysene	14.08	228	725269	35.74	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	571543	39.96	ng		99
84) Di-n-octyl phthalate	14.73	149	966778	39.36	ng		99
85) Indeno(1,2,3-cd)pyrene	17.04	276	624762	38.73	ng		98
87) Benzo(b)fluoranthene	15.19	252	746326m	38.91	ng		
88) Benzo(k)fluoranthene	15.21	252	626390m	38.85	ng		
89) Benzo(a)pyrene	15.54	252	651616	39.53	ng		99
90) Dibenzo(a,h)anthracene	17.05	278	530312	39.25	ng		99
91) Benzo(g,h,i)perylene	17.46	276	512423	39.04	ng		99

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

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