Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075515.D
Acq On : 15 Nov 2014 1:17
Operator : TP / JJ
Sample : PB80189BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Manual Integrations APPROVED
mohammad
11/17/2014 7:35:04 PM

Quant Time: Nov 16 04:20:14 2014
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 18:46:55 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	53502	20.00	ng		-0.02
21) Naphthalene-d8	9.13	136	225555	20.00	ng		-0.02
38) Acenaphthene-d10	11.32	164	116397	20.00	ng		-0.02
63) Phenanthrene-d10	13.16	188	191430	20.00	ng		-0.03
75) Chrysene-d12	16.46	240	205313	20.00	ng		-0.08
86) Perylene-d12	18.22	264	190561	20.00	ng		-0.22
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	253047	83.56	ng		-0.02
7) Phenol-d6	7.09	99	302536	83.07	ng		-0.02
23) Nitrobenzene-d5	8.24	82	278558	90.54	ng		-0.02
41) 2,4,6-Tribromophenol	12.29	330	74931	76.86	ng		-0.03
44) 2-Fluorobiphenyl	10.48	172	540122	83.85	ng		-0.01
78) Terphenyl-d14	15.16	244	598507m	78.48	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	47593	37.43	ng		97
3) Pyridine	3.28	79	100559m	29.44	ng		
4) n-Nitrosodimethylamine	3.19	42	69440m	38.40	ng		
6) Aniline	7.13	93	83165	15.81	ng		98
8) 2-Chlorophenol	7.28	128	135953	38.79	ng		98
10) Phenol	7.11	94	179813	40.47	ng		84
11) bis(2-Chloroethyl)ether	7.24	93	140525	41.76	ng	#	80
12) 1,3-Dichlorobenzene	7.48	146	144917	37.94	ng		98
13) 1,4-Dichlorobenzene	7.57	146	145856	37.53	ng		98
14) 1,2-Dichlorobenzene	7.76	146	138893	38.12	ng	#	89
15) Benzyl Alcohol	7.73	79	111281	38.92	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.91	45	273972	39.33	ng		93
17) 2-Methylphenol	7.86	107	115068	39.65	ng		96
18) Hexachloroethane	8.17	117	50853	38.16	ng		92
19) n-Nitroso-di-n-propylamine	8.06	70	99883	40.25	ng		94
20) 3+4-Methylphenols	8.06	107	149141	39.25	ng		92
22) Acetophenone	8.06	105	196603	40.41	ng		99
24) Nitrobenzene	8.26	77	151969	42.62	ng		98
25) Isophorone	8.56	82	287048	40.87	ng		98
26) 2-Nitrophenol	8.65	139	63226	38.92	ng		97
27) 2,4-Dimethylphenol	8.71	122	126275	40.11	ng		100
28) bis(2-Chloroethoxy)methane	8.84	93	180446	42.15	ng		98
29) 2,4-Dichlorophenol	8.95	162	113129	41.01	ng		96
30) 1,2,4-Trichlorobenzene	9.06	180	111400	38.46	ng		98
31) Naphthalene	9.16	128	421842	41.95	ng		99
32) Benzoic acid	8.79	122	69679	36.63	ng		94
33) 4-Chloroaniline	9.22	127	54129	12.39	ng		99
34) Hexachlorobutadiene	9.32	225	58583	37.43	ng		98
35) Caprolactam	9.64	113	37614	41.15	ng		98
36) 4-Chloro-3-methylphenol	9.82	107	115453	38.15	ng		94
37) 2-Methylnaphthalene	10.01	142	273159	39.82	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.22	216	101750	42.53	ng		98
40) Hexachlorocyclopentadiene	10.21	237	122333	84.17	ng		98
42) 2,4,6-Trichlorophenol	10.37	196	73039	38.39	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	10.41	196	76623	38.67	ng		96
45) 1,1'-Biphenyl	10.60	154	324015	41.27	ng		99
46) 2-Chloronaphthalene	10.62	162	252843	41.19	ng		100
47) 2-Nitroaniline	10.75	65	81675	44.22	ng		88
48) Acenaphthylene	11.13	152	434633	42.94	ng		99
49) Dimethylphthalate	10.99	163	303004	38.08	ng		99
50) 2,6-Dinitrotoluene	11.05	165	65005	41.48	ng	#	82
51) Acenaphthene	11.35	154	277846	45.47	ng		98
52) 3-Nitroaniline	11.26	138	44717	24.20	ng	#	81
53) 2,4-Dinitrophenol	11.39	184	58842	70.64	ng		83
54) Dibenzofuran	11.57	168	363650	41.65	ng		93
55) 4-Nitrophenol	11.45	139	121708	82.39	ng		93
56) 2,4-Dinitrotoluene	11.56	165	87553	42.52	ng		92
57) Fluorene	11.99	166	289827	41.04	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.72	232	63687	40.49	ng		98
59) Diethylphthalate	11.87	149	298159	36.11	ng		96
60) 4-Chlorophenyl-phenylether	12.00	204	125099	41.20	ng	#	86
61) 4-Nitroaniline	12.01	138	75308	40.76	ng		83
62) Azobenzene	12.20	77	299126	41.18	ng		89
64) 4,6-Dinitro-2-methylphenol	12.05	198	38476	39.74	ng	#	56
65) n-Nitrosodiphenylamine	12.14	169	242934	40.12	ng		99
66) 4-Bromophenyl-phenylether	12.61	248	76426	42.44	ng	#	89
67) Hexachlorobenzene	12.68	284	85049	41.58	ng	#	82
68) Atrazine	12.81	200	75332	40.09	ng		96
69) Pentachlorophenol	12.92	266	103612	80.72	ng		96
70) Phenanthrene	13.19	178	446571	44.33	ng		99
71) Anthracene	13.26	178	457388	43.92	ng		98
72) Carbazole	13.45	167	424775	41.69	ng		99
73) Di-n-butylphthalate	13.90	149	510534	36.27	ng		100
74) Fluoranthene	14.67	202	464090	43.01	ng		98
76) Benzidine	14.84	184	141075m	21.61	ng		
77) Pyrene	14.95	202	475800m	39.86	ng		
79) Butylbenzylphthalate	15.76	149	227264	33.90	ng	#	80
80) Benzo(a)anthracene	16.45	228	449612	41.68	ng		98
81) 3,3'-Dichlorobenzidine	16.41	252	67967	17.07	ng	#	97
82) Chrysene	16.49	228	412005	44.17	ng		99
83) Bis(2-ethylhexyl)phthalate	16.48	149	329351	31.19	ng	#	99
84) Di-n-octyl phthalate	17.28	149	593865m	31.95	ng		
85) Indeno(1,2,3-cd)pyrene	19.79	276	490206m	43.32	ng		
87) Benzo(b)fluoranthene	17.76	252	444838	43.66	ng	#	93
88) Benzo(k)fluoranthene	17.79	252	429135m	46.93	ng		
89) Benzo(a)pyrene	18.15	252	420826	46.16	ng		98
90) Dibenzo(a,h)anthracene	19.82	278	424540	44.59	ng		98
91) Benzo(g,h,i)perylene	20.25	276	423405	46.68	ng		99

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

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