Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075526.D
Acq On : 15 Nov 2014 7:50
Operator : TP / JJ
Sample : PB80332BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB80332BS

Manual Integrations APPROVED
mohammad
11/17/2014 7:36:10 PM

Quant Time: Nov 16 02:52:51 2014
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 16 02:30:12 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	44388	20.00	ng		-0.01
21) Naphthalene-d8	9.13	136	190113	20.00	ng		0.00
38) Acenaphthene-d10	11.32	164	96954	20.00	ng		0.00
63) Phenanthrene-d10	13.16	188	166101	20.00	ng		0.00
75) Chrysene-d12	16.45	240	179158	20.00	ng		-0.01
86) Perylene-d12	18.17	264	184588	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	388478	154.61	ng		0.01
7) Phenol-d6	7.09	99	476246	157.62	ng		0.00
23) Nitrobenzene-d5	8.24	82	270000	104.12	ng		0.00
41) 2,4,6-Tribromophenol	12.29	330	113092	139.27	ng		-0.01
44) 2-Fluorobiphenyl	10.48	172	520485	97.01	ng		0.00
78) Terphenyl-d14	15.16	244	574736	86.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	42633	40.42	ng		96
3) Pyridine	3.27	79	104562m	36.89	ng		
4) n-Nitrosodimethylamine	3.18	42	62253m	41.49	ng		
6) Aniline	7.13	93	115311	26.42	ng		99
8) 2-Chlorophenol	7.28	128	132284	45.49	ng		98
9) Benzaldehyde	7.00	77	5572	2.74	ng		93
10) Phenol	7.11	94	180518	48.97	ng		84
11) bis(2-Chloroethyl)ether	7.24	93	130270	46.66	ng	#	80
12) 1,3-Dichlorobenzene	7.48	146	139724	44.09	ng		96
13) 1,4-Dichlorobenzene	7.57	146	136721	42.41	ng		98
14) 1,2-Dichlorobenzene	7.75	146	132044	43.68	ng		98
15) Benzyl Alcohol	7.73	79	103432	43.61	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.90	45	264441	45.76	ng		98
17) 2-Methylphenol	7.86	107	109685	45.56	ng		98
18) Hexachloroethane	8.17	117	48689	44.04	ng		95
19) n-Nitroso-di-n-propylamine	8.06	70	94323	45.81	ng		95
20) 3+4-Methylphenols	8.05	107	142455	45.19	ng	#	86
22) Acetophenone	8.05	105	191132	46.60	ng	#	78
24) Nitrobenzene	8.26	77	147540	49.10	ng		98
25) Isophorone	8.56	82	268828	45.41	ng		99
26) 2-Nitrophenol	8.65	139	62335	45.52	ng		94
27) 2,4-Dimethylphenol	8.71	122	119503	45.03	ng		98
28) bis(2-Chloroethoxy)methane	8.84	93	173111	47.98	ng		99
29) 2,4-Dichlorophenol	8.95	162	105458	45.36	ng		98
30) 1,2,4-Trichlorobenzene	9.06	180	104110	42.64	ng		97
31) Naphthalene	9.16	128	406397	47.95	ng		100
32) Benzoic acid	8.79	122	79160	49.37	ng		90
33) 4-Chloroaniline	9.22	127	99464	27.01	ng		97
34) Hexachlorobutadiene	9.30	225	53528	40.57	ng		98
35) Caprolactam	9.64	113	34992	45.41	ng		95
36) 4-Chloro-3-methylphenol	9.82	107	113471	44.48	ng		95
37) 2-Methylnaphthalene	10.01	142	262570	45.41	ng		96
39) 1,2,4,5-Tetrachlorobenzene	10.22	216	96211	48.27	ng		98
40) Hexachlorocyclopentadiene	10.21	237	121242	100.15	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.37	196	68942	43.50	ng		99
43) 2,4,5-Trichlorophenol	10.40	196	73796	44.71	ng	#	82
45) 1,1'-Biphenyl	10.60	154	310822	47.53	ng		100
46) 2-Chloronaphthalene	10.62	162	249450	48.78	ng		97
47) 2-Nitroaniline	10.74	65	83350	54.17	ng	#	87
48) Acenaphthylene	11.13	152	418686	49.66	ng		99
49) Dimethylphthalate	10.98	163	289225	43.64	ng		99
50) 2,6-Dinitrotoluene	11.05	165	63550	48.68	ng	#	79
51) Acenaphthene	11.35	154	271440	53.34	ng		98
52) 3-Nitroaniline	11.26	138	59277	38.51	ng	#	82
53) 2,4-Dinitrophenol	11.38	184	59258	80.70	ng	#	77
54) Dibenzofuran	11.57	168	348360	47.90	ng		94
55) 4-Nitrophenol	11.45	139	121304	98.58	ng		90
56) 2,4-Dinitrotoluene	11.54	165	85177	49.66	ng	#	67
57) Fluorene	11.99	166	282342	48.00	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.72	232	60921	46.50	ng	#	94
59) Diethylphthalate	11.85	149	276730	40.23	ng		98
60) 4-Chlorophenyl-phenylether	12.00	204	118443	46.83	ng	#	85
61) 4-Nitroaniline	12.01	138	77571	50.41	ng		83
62) Azobenzene	12.20	77	281762	46.57	ng		88
64) 4,6-Dinitro-2-methylphenol	12.05	198	38902	46.30	ng	#	73
65) n-Nitrosodiphenylamine	12.14	169	235748	44.87	ng		99
66) 4-Bromophenyl-phenylether	12.61	248	71068	45.48	ng	#	88
67) Hexachlorobenzene	12.67	284	81963	46.19	ng	#	83
68) Atrazine	12.81	200	75729	46.45	ng		96
69) Pentachlorophenol	12.92	266	96666	86.79	ng		98
70) Phenanthrene	13.19	178	430315	49.23	ng		100
71) Anthracene	13.25	178	439473	48.64	ng		99
72) Carbazole	13.45	167	426724	48.27	ng		99
73) Di-n-butylphthalate	13.90	149	475212	38.91	ng		100
74) Fluoranthene	14.67	202	451815	48.26	ng		98
76) Benzidine	14.84	184	233894	41.06	ng		98
77) Pyrene	14.95	202	477867	45.88	ng		99
79) Butylbenzylphthalate	15.76	149	219366	37.50	ng	#	85
80) Benzo(a)anthracene	16.44	228	444980	47.28	ng		99
81) 3,3'-Dichlorobenzidine	16.41	252	79556	22.89	ng	#	94
82) Chrysene	16.48	228	411658	50.57	ng		99
83) Bis(2-ethylhexyl)phthalate	16.47	149	308144	33.44	ng	#	95
84) Di-n-octyl phthalate	17.25	149	565346	34.86	ng		98
85) Indeno(1,2,3-cd)pyrene	19.73	276	500492	50.68	ng	#	100
87) Benzo(b)fluoranthene	17.72	252	460956	46.71	ng	#	95
88) Benzo(k)fluoranthene	17.74	252	447554m	50.53	ng		
89) Benzo(a)pyrene	18.11	252	446653	50.58	ng		98
90) Dibenzo(a,h)anthracene	19.75	278	460160	49.90	ng	#	93
91) Benzo(g,h,i)perylene	20.20	276	453521	51.62	ng		95

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

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