Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
Data File : BF085014.D
Acq On : 11 Feb 2016 13:01
Operator : SJ/IZ
Sample : PB88279BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88279BS

Manual Integrations APPROVED
Sohil
2/12/2016 12:26:02 PM

Quant Time: Feb 11 18:25:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	144205	20.00	ng		-0.02
21) Naphthalene-d8	7.90	136	596106	20.00	ng		-0.02
38) Acenaphthene-d10	9.64	164	276167	20.00	ng		-0.02
63) Phenanthrene-d10	11.13	188	543914	20.00	ng		-0.01
75) Chrysene-d12	13.76	240	401583	20.00	ng		-0.01
86) Perylene-d12	15.12	264	301844	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1164340	125.76	ng		0.01
7) Phenol-d6	6.27	99	1272467	110.87	ng		-0.01
23) Nitrobenzene-d5	7.19	82	868077	82.03	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	388168	134.75	ng		-0.01
44) 2-Fluorobiphenyl	8.98	172	1529473	98.52	ng		-0.01
78) Terphenyl-d14	12.72	244	1588721	89.65	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	131424	32.41	ng	#	74
3) Pyridine	2.78	79	397779	37.65	ng	#	76
4) n-Nitrosodimethylamine	2.73	42	212237	38.84	ng		85
6) Aniline	6.27	93	226223	16.11	ng	#	65
8) 2-Chlorophenol	6.40	128	427086	40.75	ng		95
9) Benzaldehyde	6.15	77	112558	16.61	ng		95
10) Phenol	6.28	94	483812	37.63	ng		95
11) bis(2-Chloroethyl)ether	6.35	93	364590	36.36	ng	#	82
12) 1,3-Dichlorobenzene	6.55	146	411418	37.16	ng	#	96
13) 1,4-Dichlorobenzene	6.63	146	426991	38.58	ng		95
14) 1,2-Dichlorobenzene	6.78	146	373911	36.27	ng		93
15) Benzyl Alcohol	6.76	79	344806	43.51	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.90	45	615123	36.47	ng		79
17) 2-Methylphenol	6.89	107	315810	38.11	ng	#	88
18) Hexachloroethane	7.12	117	158071	37.08	ng		96
19) n-Nitroso-di-n-propylamine	7.04	70	279598	38.86	ng	#	70
20) 3+4-Methylphenols	7.05	107	437421	42.52	ng		88
22) Acetophenone	7.03	105	601955	38.31	ng	#	98
24) Nitrobenzene	7.20	77	406244	35.85	ng		94
25) Isophorone	7.45	82	797609	38.76	ng		97
26) 2-Nitrophenol	7.52	139	216041	38.66	ng	#	83
27) 2,4-Dimethylphenol	7.58	122	369559	38.02	ng		96
28) bis(2-Chloroethoxy)methane	7.67	93	527685	43.23	ng		100
29) 2,4-Dichlorophenol	7.77	162	354645	42.64	ng		99
30) 1,2,4-Trichlorobenzene	7.85	180	362355	38.57	ng	#	93
31) Naphthalene	7.92	128	1095349	36.63	ng		99
32) Benzoic acid	7.72	122	233335	37.53	ng		96
33) 4-Chloroaniline	7.98	127	107936	8.73	ng		97
34) Hexachlorobutadiene	8.04	225	215676	39.81	ng		100
35) Caprolactam	8.36	113	114763m	44.77	ng		
36) 4-Chloro-3-methylphenol	8.48	107	376188	39.65	ng		94
37) 2-Methylnaphthalene	8.62	142	846669	45.24	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	314107	35.81	ng		98
40) Hexachlorocyclopentadiene	8.76	237	276418	73.75	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	245955	43.53	ng		96
43) 2,4,5-Trichlorophenol	8.95	196	240463	41.88	ng	#	90
45) 1,1'-Biphenyl	9.08	154	934115	37.87	ng		94
46) 2-Chloronaphthalene	9.10	162	691280	38.05	ng		95
47) 2-Nitroaniline	9.21	65	249124	43.31	ng	#	64
48) Acenaphthylene	9.51	152	1064221	38.61	ng		98
49) Dimethylphthalate	9.39	163	858799	40.83	ng	#	90
50) 2,6-Dinitrotoluene	9.45	165	177798	38.69	ng	#	50
51) Acenaphthene	9.68	154	673043	37.53	ng		97
52) 3-Nitroaniline	9.61	138	82153	15.91	ng		97
53) 2,4-Dinitrophenol	9.74	184	177385	83.38	ng		88
54) Dibenzofuran	9.86	168	1013156	46.22	ng		98
55) 4-Nitrophenol	9.80	139	234411	61.77	ng	#	75
56) 2,4-Dinitrotoluene	9.86	165	260648	44.47	ng	#	85
57) Fluorene	10.19	166	753102	41.14	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	201272	46.05	ng		87
59) Diethylphthalate	10.09	149	828236	40.32	ng		99
60) 4-Chlorophenyl-phenylether	10.19	204	347141	45.17	ng		94
61) 4-Nitroaniline	10.24	138	218582	43.44	ng		82
62) Azobenzene	10.35	77	890228	45.08	ng		91
64) 4,6-Dinitro-2-methylphenol	10.26	198	124148	36.98	ng	#	49
65) n-Nitrosodiphenylamine	10.32	169	712347	41.25	ng		100
66) 4-Bromophenyl-phenylether	10.68	248	251386	41.85	ng		96
67) Hexachlorobenzene	10.74	284	242538	37.05	ng	#	86
68) Atrazine	10.86	200	253920	46.56	ng		96
69) Pentachlorophenol	10.95	266	241355	78.45	ng		99
70) Phenanthrene	11.15	178	1167624	38.70	ng		97
71) Anthracene	11.21	178	1250742	41.15	ng		99
72) Carbazole	11.37	167	1181177	44.56	ng		98
73) Di-n-butylphthalate	11.70	149	1320539	39.13	ng	#	97
74) Fluoranthene	12.33	202	1228475	40.23	ng		99
76) Benzidine	12.47	184	312563	23.07	ng		97
77) Pyrene	12.56	202	1147687	37.33	ng		99
79) Butylbenzylphthalate	13.20	149	577539	41.41	ng		93
80) Benzo(a)anthracene	13.75	228	1016318	40.78	ng		99
81) 3,3'-Dichlorobenzidine	13.71	252	105287	11.93	ng	#	95
82) Chrysene	13.78	228	855172	35.38	ng		100
83) Bis(2-ethylhexyl)phthalate	13.76	149	655406	37.76	ng		98
84) Di-n-octyl phthalate	14.37	149	1037980	36.25	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.37	276	743582	39.09	ng		99
87) Benzo(b)fluoranthene	14.75	252	880033m	43.39	ng		
88) Benzo(k)fluoranthene	14.78	252	616438m	36.76	ng		
89) Benzo(a)pyrene	15.06	252	686902	39.75	ng	#	98
90) Dibenzo(a,h)anthracene	16.38	278	609500	41.90	ng		99
91) Benzo(g,h,i)perylene	16.74	276	638619	43.58	ng		98

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

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