Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
Data File : BF086533.D
Acq On : 30 Apr 2016 19:43
Operator : UM/SJ
Sample : PB90161BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90161BS

Manual Integrations APPROVED
sohil
5/2/2016 7:53:51 PM

Quant Time: May 01 04:34:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 01 01:17:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	133504	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	589455	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	284978	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	554543	20.00	ng		0.00
75) Chrysene-d12	13.92	240	444108	20.00	ng		0.00
86) Perylene-d12	15.31	264	348300	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	896487	115.83	ng		0.01
7) Phenol-d6	6.41	99	1095495	101.41	ng		0.00
23) Nitrobenzene-d5	7.33	82	719271	65.77	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	303592	101.02	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	1213111	71.93	ng		-0.01
78) Terphenyl-d14	12.86	244	1192475	59.16	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	120154	29.55	ng	#	73
3) Pyridine	3.06	79	329630	34.26	ng	#	72
4) n-Nitrosodimethylamine	3.00	42	196932	35.91	ng	#	59
6) Aniline	6.43	93	194503	14.88	ng		94
8) 2-Chlorophenol	6.54	128	316126	32.79	ng	#	78
9) Benzaldehyde	6.30	77	36797	5.86	ng		96
10) Phenol	6.42	94	436876	36.25	ng		81
11) bis(2-Chloroethyl)ether	6.51	93	340895	32.72	ng		100
12) 1,3-Dichlorobenzene	6.70	146	329000	31.73	ng		96
13) 1,4-Dichlorobenzene	6.78	146	349369	32.65	ng		97
14) 1,2-Dichlorobenzene	6.93	146	321833	32.80	ng		97
15) Benzyl Alcohol	6.91	79	252125	36.89	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.05	45	654129	31.37	ng		90
17) 2-Methylphenol	7.04	107	270377	34.70	ng		95
18) Hexachloroethane	7.28	117	124246	31.08	ng		99
19) n-Nitroso-di-n-propylamine	7.18	70	240591	33.69	ng	#	73
20) 3+4-Methylphenols	7.18	107	328051	36.87	ng		91
22) Acetophenone	7.18	105	440915	34.11	ng	#	87
24) Nitrobenzene	7.36	77	360374	32.03	ng	#	89
25) Isophorone	7.60	82	675588	32.10	ng		96
26) 2-Nitrophenol	7.66	139	168731	32.58	ng	#	71
27) 2,4-Dimethylphenol	7.71	122	293455	32.29	ng		91
28) bis(2-Chloroethoxy)methane	7.81	93	398950	34.79	ng		99
29) 2,4-Dichlorophenol	7.92	162	278562	36.33	ng		96
30) 1,2,4-Trichlorobenzene	8.00	180	286787	32.24	ng		98
31) Naphthalene	8.08	128	991228	33.05	ng		99
32) Benzoic acid	7.84	122	133693	28.63	ng		86
33) 4-Chloroaniline	8.13	127	98143	8.74	ng		98
34) Hexachlorobutadiene	8.19	225	150950	30.27	ng		98
35) Caprolactam	8.49	113	88413	34.56	ng	#	54
36) 4-Chloro-3-methylphenol	8.61	107	297955	33.94	ng		91
37) 2-Methylnaphthalene	8.76	142	597449	33.76	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	251262	30.80	ng		97
40) Hexachlorocyclopentadiene	8.92	237	258306	63.72	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	186551	36.18	ng		94
43) 2,4,5-Trichlorophenol	9.09	196	191447	34.06	ng		95
45) 1,1'-Biphenyl	9.23	154	783950	32.91	ng		97
46) 2-Chloronaphthalene	9.25	162	582449	32.16	ng		95
47) 2-Nitroaniline	9.36	65	219060	37.72	ng		98
48) Acenaphthylene	9.66	152	892781	31.54	ng		99
49) Dimethylphthalate	9.54	163	734049	34.22	ng		100
50) 2,6-Dinitrotoluene	9.60	165	160394	36.19	ng		96
51) Acenaphthene	9.84	154	633445	34.84	ng		99
52) 3-Nitroaniline	9.77	138	66626	13.22	ng		98
53) 2,4-Dinitrophenol	9.87	184	146954	62.53	ng	#	84
54) Dibenzofuran	10.01	168	795546	35.01	ng		95
55) 4-Nitrophenol	9.94	139	229124	69.42	ng		95
56) 2,4-Dinitrotoluene	10.00	165	197301	34.92	ng	#	91
57) Fluorene	10.35	166	613821	31.11	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	168591	38.37	ng		95
59) Diethylphthalate	10.24	149	712215	35.07	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	292171	32.61	ng	#	84
61) 4-Nitroaniline	10.37	138	162115	32.90	ng	#	77
62) Azobenzene	10.51	77	817752	36.76	ng		90
64) 4,6-Dinitro-2-methylphenol	10.41	198	110333	33.89	ng		91
65) n-Nitrosodiphenylamine	10.46	169	556198	32.09	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	184967	32.37	ng	#	75
67) Hexachlorobenzene	10.90	284	210454	31.82	ng	#	84
68) Atrazine	11.00	200	187980	36.12	ng		95
69) Pentachlorophenol	11.09	266	213294	61.16	ng		96
70) Phenanthrene	11.31	178	976735	33.56	ng		100
71) Anthracene	11.36	178	1034344	33.30	ng		100
72) Carbazole	11.52	167	925963	33.64	ng		99
73) Di-n-butylphthalate	11.86	149	1075364	34.48	ng		99
74) Fluoranthene	12.49	202	1004824	34.21	ng		99
76) Benzidine	12.62	184	260679	17.08	ng		97
77) Pyrene	12.72	202	984700	30.77	ng		100
79) Butylbenzylphthalate	13.34	149	429387	30.98	ng	#	76
80) Benzo(a)anthracene	13.90	228	809865	34.20	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	131995	8.34	ng	#	97
82) Chrysene	13.94	228	778627	30.25	ng		99
83) Bis(2-ethylhexyl)phthalate	13.90	149	504724	29.34	ng	#	95
84) Di-n-octyl phthalate	14.51	149	822407	30.53	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.65	276	654178	34.30	ng		97
87) Benzo(b)fluoranthene	14.92	252	793007m	38.70	ng		
88) Benzo(k)fluoranthene	14.95	252	624011m	29.20	ng		
89) Benzo(a)pyrene	15.25	252	655003	33.86	ng		99
90) Dibenzo(a,h)anthracene	16.66	278	549724	34.72	ng		96
91) Benzo(g,h,i)perylene	17.05	276	548956	34.60	ng	#	92

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

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