Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097323.D
Acq On : 3 Aug 2017 18:15
Operator : SJ/JU
Sample : PB101187BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101187BS

Manual Integrations APPROVED
Sohil
8/4/2017 5:30:14 PM

Quant Time: Aug 04 01:22:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	116546	20.00	ng		-0.05
21) Naphthalene-d8	7.73	136	498553	20.00	ng		-0.06
38) Acenaphthene-d10	9.47	164	225773	20.00	ng		-0.06
63) Phenanthrene-d10	10.94	188	365451	20.00	ng		-0.06
75) Chrysene-d12	13.56	240	217750	20.00	ng		-0.06
86) Perylene-d12	14.90	264	228582	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	971670	125.68	ng		-0.04
7) Phenol-d6	6.12	99	1143450	129.55	ng		-0.05
23) Nitrobenzene-d5	7.02	82	733993	86.37	ng		-0.05
41) 2,4,6-Tribromophenol	10.26	330	213841	119.88	ng		-0.06
44) 2-Fluorobiphenyl	8.80	172	1185845	89.14	ng		-0.06
78) Terphenyl-d14	12.52	244	908948	85.11	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	128844	39.936	ng	#	75
3) Pyridine	2.66	79	401895	40.681	ng	#	67
4) n-Nitrosodimethylamine	2.62	42	241454	44.117	ng		83
6) Aniline	6.11	93	345290	31.089	ng	#	86
8) 2-Chlorophenol	6.24	128	339621	41.083	ng		94
9) Benzaldehyde	5.99	77	140312	26.858	ng		98
10) Phenol	6.13	94	445580	42.562	ng		97
11) bis(2-Chloroethyl)ether	6.20	93	375878	45.396	ng		93
12) 1,3-Dichlorobenzene	6.39	146	365984	41.081	ng		99
13) 1,4-Dichlorobenzene	6.46	146	380004	43.041	ng		96
14) 1,2-Dichlorobenzene	6.62	146	328998	42.678	ng		98
15) Benzyl Alcohol	6.61	79	287911	51.523	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.73	45	761253	45.838	ng		65
17) 2-Methylphenol	6.74	107	300607	47.116	ng	#	90
18) Hexachloroethane	6.95	117	139404	43.160	ng	#	79
19) n-Nitroso-di-n-propylamine	6.88	70	262252	45.142	ng	#	82
20) 3+4-Methylphenols	6.90	107	398746	47.852	ng	#	63
22) Acetophenone	6.87	105	500899	41.837	ng		97
24) Nitrobenzene	7.04	77	380803	43.024	ng		91
25) Isophorone	7.29	82	695720	41.802	ng		96
26) 2-Nitrophenol	7.36	139	206285	43.079	ng	#	88
27) 2,4-Dimethylphenol	7.42	122	355969	45.064	ng		96
28) bis(2-Chloroethoxy)methane	7.50	93	507307	46.709	ng		100
29) 2,4-Dichlorophenol	7.60	162	311695	45.804	ng		93
30) 1,2,4-Trichlorobenzene	7.67	180	281602	43.415	ng		98
31) Naphthalene	7.75	128	1043184	44.388	ng		99
32) Benzoic acid	7.59	122	265146	44.952	ng		98
33) 4-Chloroaniline	7.81	127	305030	31.898	ng		98
34) Hexachlorobutadiene	7.87	225	142118	41.329	ng		97
35) Caprolactam	8.19	113	113841m	52.172	ng		
36) 4-Chloro-3-methylphenol	8.32	107	335350	45.171	ng		90
37) 2-Methylnaphthalene	8.44	142	699090	46.982	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.61	216	250347	41.557	ng		98
40) Hexachlorocyclopentadiene	8.59	237	146602	70.450	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.73	196	171446	39.272	ng		96
43) 2,4,5-Trichlorophenol	8.78	196	174276	39.884	ng		97
45) 1,1'-Biphenyl	8.90	154	757257	39.268	ng		98
46) 2-Chloronaphthalene	8.92	162	594487	41.892	ng	#	92
47) 2-Nitroaniline	9.03	65	230187	44.696	ng		93
48) Acenaphthylene	9.33	152	878835	40.347	ng		99
49) Dimethylphthalate	9.22	163	716392	41.785	ng		99
50) 2,6-Dinitrotoluene	9.27	165	157746	43.381	ng	#	69
51) Acenaphthene	9.50	154	560756	43.705	ng		98
52) 3-Nitroaniline	9.44	138	126938	28.124	ng		99
53) 2,4-Dinitrophenol	9.56	184	160585	97.127	ng	#	72
54) Dibenzofuran	9.67	168	789145	46.176	ng		95
55) 4-Nitrophenol	9.64	139	203808	75.931	ng	#	57
56) 2,4-Dinitrotoluene	9.69	165	191858	45.896	ng	#	84
57) Fluorene	10.02	166	542283	42.219	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.80	232	139891	46.367	ng		95
59) Diethylphthalate	9.91	149	671845	42.713	ng		99
60) 4-Chlorophenyl-phenylether	10.01	204	223089	42.060	ng		98
61) 4-Nitroaniline	10.06	138	162571	37.907	ng		93
62) Azobenzene	10.17	77	664439	45.535	ng		93
64) 4,6-Dinitro-2-methylphenol	10.10	198	102910	45.317	ng	#	82
65) n-Nitrosodiphenylamine	10.13	169	546723	42.996	ng		99
66) 4-Bromophenyl-phenylether	10.49	248	151048	41.416	ng		91
67) Hexachlorobenzene	10.56	284	158709	38.806	ng	#	87
68) Atrazine	10.67	200	158841	43.563	ng		94
69) Pentachlorophenol	10.77	266	126820	74.944	ng		97
70) Phenanthrene	10.97	178	858250	43.831	ng		98
71) Anthracene	11.02	178	867174	43.239	ng		99
72) Carbazole	11.18	167	853374	43.266	ng		99
73) Di-n-butylphthalate	11.52	149	1000727	41.046	ng		99
74) Fluoranthene	12.14	202	810974	42.277	ng		99
76) Benzidine	12.27	184	194403	24.061	ng	#	92
77) Pyrene	12.37	202	867807	48.681	ng		100
79) Butylbenzylphthalate	13.00	149	433620	47.819	ng	#	76
80) Benzo(a)anthracene	13.55	228	659768	46.827	ng		99
81) 3,3'-Dichlorobenzidine	13.52	252	202620	38.136	ng	#	94
82) Chrysene	13.59	228	676941	49.204	ng		99
83) Bis(2-ethylhexyl)phthalate	13.57	149	517826	43.737	ng	#	98
84) Di-n-octyl phthalate	14.17	149	1064700	49.003	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.10	276	521531	44.209	ng		96
87) Benzo(b)fluoranthene	14.55	252	611018	44.468	ng		98
88) Benzo(k)fluoranthene	14.57	252	543881	41.538	ng		98
89) Benzo(a)pyrene	14.85	252	564406	44.881	ng		98
90) Dibenzo(a,h)anthracene	16.11	278	435816	42.260	ng		97
91) Benzo(g,h,i)perylene	16.45	276	472036	43.648	ng		96

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

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