Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
Data File : BF098381.D
Acq On : 9 Sep 2017 13:06
Operator : SJ/JU
Sample : PB102149BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102149BS

Manual Integrations APPROVED
Sohil
9/11/2017 2:42:40 PM

Quant Time: Sep 11 04:59:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	100242	20.00	ng		-0.03
21) Naphthalene-d8	7.96	136	411824	20.00	ng		-0.03
38) Acenaphthene-d10	9.71	164	191261	20.00	ng		-0.03
63) Phenanthrene-d10	11.19	188	376277	20.00	ng		-0.03
75) Chrysene-d12	13.83	240	266141	20.00	ng		-0.04
86) Perylene-d12	15.23	264	198728	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	785999	119.27	ng		0.00
7) Phenol-d6	6.34	99	1036135	115.71	ng		-0.01
23) Nitrobenzene-d5	7.25	82	683117	90.11	ng		-0.03
41) 2,4,6-Tribromophenol	10.50	330	235841	142.12	ng		-0.03
44) 2-Fluorobiphenyl	9.04	172	1089709	83.71	ng		-0.03
78) Terphenyl-d14	12.77	244	977353	76.58	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	126470	34.411	ng		85
3) Pyridine	3.08	79	355759	35.014	ng	#	83
4) n-Nitrosodimethylamine	3.05	42	121206	31.003	ng	#	62
6) Aniline	6.35	93	327083	26.003	ng	#	23
8) 2-Chlorophenol	6.47	128	285267	41.045	ng		99
9) Benzaldehyde	6.22	77	63559	11.206	ng		90
10) Phenol	6.35	94	392432	37.473	ng		94
11) bis(2-Chloroethyl)ether	6.42	93	313382	39.648	ng		93
12) 1,3-Dichlorobenzene	6.62	146	290532	38.863	ng		96
13) 1,4-Dichlorobenzene	6.69	146	294888	38.784	ng	#	93
14) 1,2-Dichlorobenzene	6.85	146	271817	38.772	ng		99
15) Benzyl Alcohol	6.83	79	245792	36.664	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	363787	34.207	ng		63
17) 2-Methylphenol	6.95	107	255474	41.712	ng	#	91
18) Hexachloroethane	7.19	117	116469	39.071	ng	#	84
19) n-Nitroso-di-n-propylamine	7.10	70	226348	36.927	ng	#	88
20) 3+4-Methylphenols	7.11	107	336722	45.012	ng	#	64
22) Acetophenone	7.09	105	425877	39.145	ng	#	82
24) Nitrobenzene	7.27	77	350009	41.467	ng		99
25) Isophorone	7.50	82	640000	40.601	ng		97
26) 2-Nitrophenol	7.58	139	154519	50.252	ng	#	85
27) 2,4-Dimethylphenol	7.63	122	271526	41.302	ng		93
28) bis(2-Chloroethoxy)methane	7.72	93	413548	39.905	ng		98
29) 2,4-Dichlorophenol	7.83	162	239790	43.940	ng		93
30) 1,2,4-Trichlorobenzene	7.90	180	240964	39.831	ng		99
31) Naphthalene	7.98	128	850074	39.761	ng		100
32) Benzoic acid	7.78	122	139660	31.671	ng		93
33) 4-Chloroaniline	8.03	127	253450	28.109	ng		98
34) Hexachlorobutadiene	8.10	225	137779	39.007	ng		99
35) Caprolactam	8.42	113	90371m	48.712	ng		
36) 4-Chloro-3-methylphenol	8.53	107	293257	41.826	ng	#	79
37) 2-Methylnaphthalene	8.67	142	566524	43.220	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	230847	39.328	ng		98
40) Hexachlorocyclopentadiene	8.82	237	198758	70.485	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	157131	39.873	ng		98
43) 2,4,5-Trichlorophenol	9.00	196	165437	42.316	ng		96
45) 1,1'-Biphenyl	9.14	154	669559	38.389	ng		97
46) 2-Chloronaphthalene	9.16	162	494812	38.397	ng		94
47) 2-Nitroaniline	9.26	65	182967	42.351	ng		96
48) Acenaphthylene	9.57	152	799308	39.497	ng		99
49) Dimethylphthalate	9.44	163	613107	43.854	ng		99
50) 2,6-Dinitrotoluene	9.51	165	130869	46.895	ng	#	85
51) Acenaphthene	9.74	154	481724	37.743	ng		100
52) 3-Nitroaniline	9.67	138	115325	32.030	ng		91
53) 2,4-Dinitrophenol	9.79	184	110054	82.536	ng	#	76
54) Dibenzofuran	9.92	168	710268	41.523	ng		99
55) 4-Nitrophenol	9.86	139	173940	60.561	ng	#	51
56) 2,4-Dinitrotoluene	9.92	165	159770	45.620	ng	#	57
57) Fluorene	10.26	166	547708	41.414	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.04	232	137390	45.390	ng		90
59) Diethylphthalate	10.14	149	620143	42.417	ng		100
60) 4-Chlorophenyl-phenylether	10.25	204	260402	42.383	ng	#	87
61) 4-Nitroaniline	10.29	138	154162	45.050	ng		78
62) Azobenzene	10.41	77	702920	40.476	ng		93
64) 4,6-Dinitro-2-methylphenol	10.33	198	82261	46.672	ng	#	73
65) n-Nitrosodiphenylamine	10.37	169	511493	39.919	ng		98
66) 4-Bromophenyl-phenylether	10.74	248	163351	41.806	ng		94
67) Hexachlorobenzene	10.80	284	161540	40.561	ng	#	87
68) Atrazine	10.90	200	155872	45.870	ng		96
69) Pentachlorophenol	11.01	266	139179	59.936	ng		99
70) Phenanthrene	11.22	178	806262	40.211	ng		100
71) Anthracene	11.27	178	833747	40.997	ng		99
72) Carbazole	11.43	167	777016	40.252	ng		98
73) Di-n-butylphthalate	11.76	149	982509	44.187	ng		100
74) Fluoranthene	12.40	202	853105	40.763	ng		99
76) Benzidine	12.53	184	391256	44.837	ng	#	92
77) Pyrene	12.63	202	858695	39.449	ng		98
79) Butylbenzylphthalate	13.25	149	407061	48.775	ng	#	77
80) Benzo(a)anthracene	13.82	228	603789	37.853	ng		99
81) 3,3'-Dichlorobenzidine	13.78	252	154621	28.727	ng	#	96
82) Chrysene	13.85	228	613960	38.693	ng		100
83) Bis(2-ethylhexyl)phthalate	13.81	149	518086	56.022	ng	#	99
84) Di-n-octyl phthalate	14.42	149	885659	55.041	ng		97
85) Indeno(1,2,3-cd)pyrene	16.58	276	511788	43.845	ng		95
87) Benzo(b)fluoranthene	14.83	252	518716	41.410	ng		98
88) Benzo(k)fluoranthene	14.86	252	485074	41.217	ng	#	93
89) Benzo(a)pyrene	15.17	252	477694	43.077	ng		98
90) Dibenzo(a,h)anthracene	16.59	278	420625	46.591	ng		98
91) Benzo(g,h,i)perylene	16.98	276	441140	46.830	ng		95

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

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