Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097082.D
Acq On : 26 Jul 2017 18:31
Operator : SJ/JU
Sample : PB100971BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB100971BS

Manual Integrations APPROVED
Sohil
7/27/2017 12:31:28 PM

Quant Time: Jul 27 08:38:38 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	6.50	152	107812	20.00	ng		0.00
21) Naphthalene-d8	7.78	136	491125	20.00	ng		0.00
38) Acenaphthene-d10	9.53	164	209505	20.00	ng		0.00
63) Phenanthrene-d10	11.00	188	389367	20.00	ng		0.00
75) Chrysene-d12	13.63	240	216709	20.00	ng		0.00
86) Perylene-d12	14.98	264	217364	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	835552	116.83	ng		0.01
7) Phenol-d6	6.17	99	958608	117.41	ng		0.00
23) Nitrobenzene-d5	7.07	82	620617	74.13	ng		0.00
41) 2,4,6-Tribromophenol	10.32	330	211921	128.03	ng		0.00
44) 2-Fluorobiphenyl	8.86	172	1080212	87.50	ng		0.00
78) Terphenyl-d14	12.59	244	904028	85.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	109240	36.603	ng	#	77
3) Pyridine	2.71	79	349366	38.229	ng	#	64
4) n-Nitrosodimethylamine	2.66	42	210888	41.654	ng	#	85
6) Aniline	6.16	93	257295	25.043	ng	#	70
8) 2-Chlorophenol	6.29	128	297084	38.848	ng		99
9) Benzaldehyde	6.04	77	92257	19.090	ng		99
10) Phenol	6.18	94	357632	36.929	ng		97
11) bis(2-Chloroethyl)ether	6.25	93	287216	37.498	ng		94
12) 1,3-Dichlorobenzene	6.43	146	321719	39.038	ng		98
13) 1,4-Dichlorobenzene	6.52	146	321115	39.318	ng		96
14) 1,2-Dichlorobenzene	6.67	146	289119	40.544	ng		97
15) Benzyl Alcohol	6.66	79	233905	45.250	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.79	45	581179	37.830	ng		50
17) 2-Methylphenol	6.79	107	240558	40.758	ng	#	89
18) Hexachloroethane	7.00	117	119100	39.861	ng	#	82
19) n-Nitroso-di-n-propylamine	6.93	70	205870	38.307	ng	#	83
20) 3+4-Methylphenols	6.94	107	320725	41.607	ng	#	63
22) Acetophenone	6.92	105	406505	34.467	ng		97
24) Nitrobenzene	7.09	77	311006	35.670	ng		93
25) Isophorone	7.33	82	650017	39.647	ng		97
26) 2-Nitrophenol	7.40	139	193207	40.958	ng	#	89
27) 2,4-Dimethylphenol	7.46	122	319094	41.007	ng		96
28) bis(2-Chloroethoxy)methane	7.55	93	436676	40.814	ng		98
29) 2,4-Dichlorophenol	7.66	162	283713	42.323	ng		96
30) 1,2,4-Trichlorobenzene	7.73	180	255933	40.054	ng		96
31) Naphthalene	7.80	128	938390	40.533	ng		100
32) Benzoic acid	7.63	122	222983	38.376	ng		94
33) 4-Chloroaniline	7.86	127	189741	20.142	ng		96
34) Hexachlorobutadiene	7.93	225	124721	36.819	ng		99
35) Caprolactam	8.25	113	93471m	43.484	ng		
36) 4-Chloro-3-methylphenol	8.37	107	281285	38.462	ng		86
37) 2-Methylnaphthalene	8.49	142	593285	40.475	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.66	216	207535	37.125	ng		99
40) Hexachlorocyclopentadiene	8.65	237	165026	84.057	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	162788	40.184	ng		99
43) 2,4,5-Trichlorophenol	8.83	196	170121	41.956	ng		96
45) 1,1'-Biphenyl	8.96	154	671857	37.545	ng		98
46) 2-Chloronaphthalene	8.98	162	523171	39.729	ng		93
47) 2-Nitroaniline	9.09	65	206573	43.225	ng		94
48) Acenaphthylene	9.39	152	821492	40.643	ng		99
49) Dimethylphthalate	9.27	163	658195	41.371	ng		99
50) 2,6-Dinitrotoluene	9.33	165	143905	42.648	ng	#	76
51) Acenaphthene	9.56	154	482052	40.489	ng		98
52) 3-Nitroaniline	9.50	138	115965	27.688	ng	#	89
53) 2,4-Dinitrophenol	9.62	184	127271	82.955	ng	#	73
54) Dibenzofuran	9.73	168	715915	45.144	ng		97
55) 4-Nitrophenol	9.69	139	216308	86.845	ng	#	58
56) 2,4-Dinitrotoluene	9.74	165	175082	45.136	ng	#	71
57) Fluorene	10.07	166	535391	44.919	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.86	232	133958	47.848	ng		96
59) Diethylphthalate	9.97	149	654458	44.839	ng		99
60) 4-Chlorophenyl-phenylether	10.07	204	222192	45.144	ng		99
61) 4-Nitroaniline	10.12	138	167356	42.053	ng		94
62) Azobenzene	10.23	77	670046	49.485	ng		92
64) 4,6-Dinitro-2-methylphenol	10.15	198	91464	37.803	ng	#	76
65) n-Nitrosodiphenylamine	10.20	169	503812	37.188	ng		97
66) 4-Bromophenyl-phenylether	10.56	248	154788	39.835	ng		98
67) Hexachlorobenzene	10.62	284	158553	36.386	ng	#	86
68) Atrazine	10.73	200	153316	39.465	ng		94
69) Pentachlorophenol	10.83	266	129515	71.836	ng		97
70) Phenanthrene	11.03	178	878645	42.116	ng		100
71) Anthracene	11.08	178	896530	41.957	ng		99
72) Carbazole	11.24	167	843266	40.128	ng		99
73) Di-n-butylphthalate	11.59	149	989885	38.107	ng		98
74) Fluoranthene	12.21	202	801273	39.205	ng		99
76) Benzidine	12.33	184	255108	31.726	ng	#	91
77) Pyrene	12.43	202	785436	44.272	ng		99
79) Butylbenzylphthalate	13.07	149	398304	44.136	ng	#	82
80) Benzo(a)anthracene	13.62	228	609888	43.495	ng		99
81) 3,3'-Dichlorobenzidine	13.59	252	164981	31.201	ng	#	96
82) Chrysene	13.66	228	590331	43.115	ng		100
83) Bis(2-ethylhexyl)phthalate	13.63	149	506190	42.960	ng		100
84) Di-n-octyl phthalate	14.24	149	885157	40.936	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.22	276	554535	47.232	ng		98
87) Benzo(b)fluoranthene	14.62	252	550380	42.122	ng		98
88) Benzo(k)fluoranthene	14.64	252	439628	35.309	ng		97
89) Benzo(a)pyrene	14.93	252	504899	42.221	ng		97
90) Dibenzo(a,h)anthracene	16.22	278	450070	45.895	ng		95
91) Benzo(g,h,i)perylene	16.57	276	484947	47.156	ng		97

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

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