Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100198.D
Acq On : 5 Nov 2017 00:31
Operator : SJ/JU
Sample : PB103984BSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103984BSD

Manual Integrations APPROVED
Sohil
11/6/2017 2:26:22 PM

Quant Time: Nov 06 09:55:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	83893	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	350243	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	168617	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	313823	20.00	ng		0.00
75) Chrysene-d12	13.94	240	219534	20.00	ng		-0.01
86) Perylene-d12	15.40	264	159772	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	358143	67.02	ng		0.01
7) Phenol-d6	6.42	99	421735	66.56	ng		-0.01
23) Nitrobenzene-d5	7.34	82	339194	62.35	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	102322	66.59	ng		-0.01
44) 2-Fluorobiphenyl	9.12	172	728304	66.64	ng		-0.01
78) Terphenyl-d14	12.87	244	741080	73.77	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	62980	26.690	ng	#	90
3) Pyridine	3.31	79	143425	25.275	ng	#	84
4) n-Nitrosodimethylamine	3.26	42	53916	26.595	ng	#	65
6) Aniline	6.44	93	110675	13.472	ng	#	54
8) 2-Chlorophenol	6.56	128	189232	33.227	ng		93
9) Benzaldehyde	6.35	77	59128	15.617	ng		87
10) Phenol	6.43	94	212815	30.592	ng		96
11) bis(2-Chloroethyl)ether	6.50	93	165741	30.853	ng		95
12) 1,3-Dichlorobenzene	6.70	146	204572m	31.991	ng		
13) 1,4-Dichlorobenzene	6.78	146	208092	32.063	ng		97
14) 1,2-Dichlorobenzene	6.93	146	190704	32.241	ng		95
15) Benzyl Alcohol	6.92	79	136308	33.828	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	209125	35.044	ng		60
17) 2-Methylphenol	7.04	107	148409	31.153	ng	#	91
18) Hexachloroethane	7.26	117	66929	30.911	ng		94
19) n-Nitroso-di-n-propylamine	7.18	70	116901	31.484	ng	#	90
20) 3+4-Methylphenols	7.20	107	206145	37.164	ng		91
22) Acetophenone	7.18	105	248514	31.163	ng	#	91
24) Nitrobenzene	7.36	77	172004	31.379	ng		91
25) Isophorone	7.59	82	323076	32.728	ng		99
26) 2-Nitrophenol	7.67	139	103828	33.071	ng	#	83
27) 2,4-Dimethylphenol	7.71	122	173091	37.418	ng		93
28) bis(2-Chloroethoxy)methane	7.79	93	216081	31.255	ng		98
29) 2,4-Dichlorophenol	7.93	162	167934	34.947	ng		96
30) 1,2,4-Trichlorobenzene	7.99	180	161318	31.419	ng		98
31) Naphthalene	8.06	128	542409	32.083	ng		99
32) Benzoic acid	7.87	122	90788	22.297	ng		88
33) 4-Chloroaniline	8.14	127	72968	10.452	ng		94
34) Hexachlorobutadiene	8.17	225	81324	30.793	ng		98
35) Caprolactam	8.50	113	50825m	33.632	ng		
36) 4-Chloro-3-methylphenol	8.63	107	163918	33.420	ng		92
37) 2-Methylnaphthalene	8.76	142	384655	33.951	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	155751	28.600	ng	#	97
40) Hexachlorocyclopentadiene	8.90	237	21655	30.808	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	102105	30.996	ng		98
43) 2,4,5-Trichlorophenol	9.11	196	99020	28.326	ng		93
45) 1,1'-Biphenyl	9.22	154	451072	29.571	ng		98
46) 2-Chloronaphthalene	9.25	162	352619	31.831	ng		94
47) 2-Nitroaniline	9.36	65	92933	31.963	ng		84
48) Acenaphthylene	9.66	152	527030	30.889	ng		99
49) Dimethylphthalate	9.52	163	403597	30.225	ng		100
50) 2,6-Dinitrotoluene	9.60	165	88813	31.638	ng		93
51) Acenaphthene	9.83	154	319494	30.646	ng		99
52) 3-Nitroaniline	9.78	138	51786	15.657	ng		94
53) 2,4-Dinitrophenol	9.92	184	37089	36.815	ng	#	83
54) Dibenzofuran	10.00	168	492715	33.481	ng		100
55) 4-Nitrophenol	9.98	139	40653m	23.523	ng		
56) 2,4-Dinitrotoluene	10.02	165	125828	37.221	ng		87
57) Fluorene	10.35	166	394954	32.414	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	87534	35.714	ng	#	87
59) Diethylphthalate	10.22	149	401726	30.807	ng		98
60) 4-Chlorophenyl-phenylether	10.33	204	180656	31.504	ng		94
61) 4-Nitroaniline	10.40	138	94405	29.916	ng		84
62) Azobenzene	10.50	77	340873	31.184	ng		89
64) 4,6-Dinitro-2-methylphenol	10.44	198	39371	19.958	ng		78
65) n-Nitrosodiphenylamine	10.46	169	347202	29.971	ng		98
66) 4-Bromophenyl-phenylether	10.82	248	103492	31.325	ng		94
67) Hexachlorobenzene	10.90	284	107245	31.730	ng		95
68) Atrazine	10.99	200	110625	31.790	ng		100
69) Pentachlorophenol	11.11	266	52369	36.260	ng		96
70) Phenanthrene	11.32	178	561774	31.720	ng		98
71) Anthracene	11.37	178	592146	32.939	ng		100
72) Carbazole	11.53	167	549520	32.506	ng		99
73) Di-n-butylphthalate	11.83	149	655992	30.423	ng		98
74) Fluoranthene	12.51	202	599118	32.551	ng		97
76) Benzidine	12.63	184	168336	17.524	ng		97
77) Pyrene	12.74	202	601853	36.054	ng		99
79) Butylbenzylphthalate	13.33	149	272671	33.171	ng		92
80) Benzo(a)anthracene	13.93	228	435220	31.273	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	76208	15.085	ng		96
82) Chrysene	13.96	228	425337	32.509	ng		97
83) Bis(2-ethylhexyl)phthalate	13.89	149	368152	31.892	ng		99
84) Di-n-octyl phthalate	14.50	149	576716	29.108	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.86	276	325024	27.060	ng		98
87) Benzo(b)fluoranthene	14.97	252	310581	30.785	ng		98
88) Benzo(k)fluoranthene	15.00	252	339917m	35.730	ng		
89) Benzo(a)pyrene	15.34	252	301794	33.301	ng		98
90) Dibenzo(a,h)anthracene	16.84	278	268956	33.399	ng		98
91) Benzo(g,h,i)perylene	17.30	276	280015	35.542	ng		95

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

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