Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
Data File : BF109927.D
Acq On : 17 Oct 2018 18:33
Operator : JU/SJ
Sample : PB113915BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB113915BSD

Manual Integrations APPROVED
Sohil
10/18/2018 2:04:23 PM

Quant Time: Oct 18 10:56:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	263413	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	1093453	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	520885	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	950038	20.00	ng		0.00
76) Chrysene-d12	14.16	240	567770	20.00	ng		0.00
87) Perylene-d12	15.67	264	537675	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	939822	56.56	ng		0.00
7) Phenol-d6	6.59	99	1148287	55.65	ng		-0.01
23) Nitrobenzene-d5	7.54	82	1010619	62.26	ng		-0.01
42) 2,4,6-Tribromophenol	10.81	330	275436	61.08	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	1953566	59.84	ng		0.00
79) Terphenyl-d14	13.09	244	1605461	59.38	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.92	88	186042	19.711	ng		91
3) Pyridine	3.67	79	524403	24.921	ng		90
4) n-Nitrosodimethylamine	3.63	42	246410	28.707	ng	#	99
6) Aniline	6.63	93	492737	17.719	ng	#	53
8) 2-Chlorophenol	6.76	128	526311	28.275	ng		97
9) Benzaldehyde	6.53	77	221663	16.530	ng		94
10) Phenol	6.60	94	615470	27.626	ng	#	62
11) bis(2-Chloroethyl)ether	6.70	93	500413	26.864	ng		92
12) 1,3-Dichlorobenzene	6.92	146	554913	27.187	ng		98
13) 1,4-Dichlorobenzene	6.99	146	559906	27.238	ng		99
14) 1,2-Dichlorobenzene	7.15	146	525114	27.741	ng		99
15) Benzyl Alcohol	7.11	79	450690	28.390	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.25	45	833028	27.246	ng		68
17) 2-Methylphenol	7.22	107	425602	28.354	ng	#	81
18) Hexachloroethane	7.49	117	208802	28.743	ng		90
19) n-Nitroso-di-n-propylamine	7.38	70	354236	26.737	ng		97
20) 3+4-Methylphenols	7.37	107	542269	28.469	ng		94
22) Acetophenone	7.38	105	715370	28.211	ng	#	98
24) Nitrobenzene	7.56	77	518722	29.417	ng		93
25) Isophorone	7.79	82	977627	30.652	ng		95
26) 2-Nitrophenol	7.87	139	244465	33.437	ng		89
27) 2,4-Dimethylphenol	7.90	122	483469	31.471	ng		96
28) bis(2-Chloroethoxy)methane	8.00	93	637197	29.111	ng		99
29) 2,4-Dichlorophenol	8.11	162	430293	28.873	ng		99
30) 1,2,4-Trichlorobenzene	8.20	180	461239	27.641	ng		97
31) Naphthalene	8.28	128	1491879	29.753	ng		99
32) Benzoic acid	7.95	122	59124	6.177	ng		97
33) 4-Chloroaniline	8.32	127	297182	13.185	ng		99
34) Hexachlorobutadiene	8.39	225	254206	27.627	ng		98
35) Caprolactam	8.69	113	130449m	24.647	ng		
36) 4-Chloro-3-methylphenol	8.80	107	452214	28.764	ng		96
37) 2-Methylnaphthalene	8.97	142	1030712	31.745	ng		98
38) 1-Methylnaphthalene	9.07	142	970800	30.856	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	431911	26.921	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	511052	65.996	ng		97
43) 2,4,6-Trichlorophenol	9.25	196	286869	28.595	ng		97
44) 2,4,5-Trichlorophenol	9.29	196	309290	29.705	ng		95
46) 1,1'-Biphenyl	9.44	154	1246082	26.850	ng		99
47) 2-Chloronaphthalene	9.46	162	935811	27.375	ng		99
48) 2-Nitroaniline	9.56	65	270589	30.844	ng		96
49) Acenaphthylene	9.88	152	1479302	29.788	ng		98
50) Dimethylphthalate	9.73	163	1069819	29.005	ng		100
51) 2,6-Dinitrotoluene	9.80	165	227379	32.458	ng		91
52) Acenaphthene	10.06	154	910535	28.799	ng		98
53) 3-Nitroaniline	9.96	138	162275	19.043	ng		97
54) 2,4-Dinitrophenol	10.07	184	65312	34.916	ng		93
55) Dibenzofuran	10.23	168	1287491	28.554	ng		94
56) 4-Nitrophenol	10.12	139	360943	55.511	ng		95
57) 2,4-Dinitrotoluene	10.20	165	285941	33.810	ng		96
58) Fluorene	10.57	166	992550	30.239	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	244566	29.638	ng		96
60) Diethylphthalate	10.43	149	1050208	28.829	ng		99
61) 4-Chlorophenyl-phenylether	10.56	204	476973	27.897	ng		98
62) 4-Nitroaniline	10.58	138	237448	29.436	ng		92
63) Azobenzene	10.72	77	1049636	27.581	ng		97
65) 4,6-Dinitro-2-methylphenol	10.61	198	67693	24.334	ng		90
66) n-Nitrosodiphenylamine	10.67	169	888004	28.064	ng		97
67) 4-Bromophenyl-phenylether	11.05	248	294397	28.594	ng		96
68) Hexachlorobenzene	11.12	284	310652	28.294	ng		95
69) Atrazine	11.20	200	292205	29.564	ng		99
70) Pentachlorophenol	11.31	266	238794	38.217	ng		97
71) Phenanthrene	11.53	178	1452641	29.535	ng		99
72) Anthracene	11.59	178	1493279	30.199	ng		99
73) Carbazole	11.74	167	1257729	25.881	ng		99
74) Di-n-butylphthalate	12.06	149	1553892	28.651	ng		99
75) Fluoranthene	12.73	202	1388091	28.251	ng		100
77) Benzidine	12.84	184	555244	25.506	ng		98
78) Pyrene	12.96	202	1360399	32.623	ng		99
80) Butylbenzylphthalate	13.56	149	534973	31.732	ng		99
81) Benzo(a)anthracene	14.14	228	996669	29.802	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	161010	13.733	ng		98
83) Chrysene	14.18	228	898792	28.235	ng		99
84) Bis(2-ethylhexyl)phthalate	14.12	149	680113	30.658	ng		96
85) Di-n-octyl phthalate	14.74	149	1025193	32.779	ng		98
86) Indeno(1,2,3-cd)pyrene	17.24	276	1145394	44.689	ng	#	94
88) Benzo(b)fluoranthene	15.22	252	888990m	28.679	ng		
89) Benzo(k)fluoranthene	15.26	252	798874	26.147	ng		98
90) Benzo(a)pyrene	15.61	252	848762	29.771	ng	#	97
91) Dibenzo(a,h)anthracene	17.26	278	944612	37.387	ng		97
92) Benzo(g,h,i)perylene	17.72	276	986017	38.625	ng	#	95

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

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