Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096862.D
Acq On : 18 Jul 2017 23:48
Operator : SJ/JU
Sample : PB100719BSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB100719BSD

Manual Integrations APPROVED
mohammad
7/19/2017 2:32:09 PM

Quant Time: Jul 19 03:35:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	79601	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	308133	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	115998	20.00	ng		0.00
63) Phenanthrene-d10	11.10	188	166914	20.00	ng		0.00
75) Chrysene-d12	13.73	240	133551	20.00	ng		0.00
86) Perylene-d12	15.10	264	99136	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	500477	94.54	ng		0.02
7) Phenol-d6	6.25	99	484291	76.23	ng		0.00
23) Nitrobenzene-d5	7.16	82	414347	83.29	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	74213	74.95	ng		0.00
44) 2-Fluorobiphenyl	8.96	172	727488	99.09	ng		0.00
78) Terphenyl-d14	12.69	244	469404	60.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	107675	39.527	ng	#	77
3) Pyridine	2.92	79	233371	40.764	ng	#	57
4) n-Nitrosodimethylamine	2.87	42	145411	45.419	ng		81
6) Aniline	6.26	93	181056	23.136	ng	#	46
8) 2-Chlorophenol	6.39	128	217880	38.149	ng		96
9) Benzaldehyde	6.14	77	90697	24.700	ng		97
10) Phenol	6.26	94	261712	36.441	ng		84
11) bis(2-Chloroethyl)ether	6.34	93	205130	37.982	ng		91
12) 1,3-Dichlorobenzene	6.54	146	237750	39.162	ng		98
13) 1,4-Dichlorobenzene	6.62	146	242968	39.520	ng		94
14) 1,2-Dichlorobenzene	6.77	146	218174	39.016	ng		98
15) Benzyl Alcohol	6.75	79	165107	39.696	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.89	45	423702	38.015	ng		94
17) 2-Methylphenol	6.87	107	167297	37.669	ng		95
18) Hexachloroethane	7.11	117	65000	29.816	ng	#	82
19) n-Nitroso-di-n-propylamine	7.02	70	144749	37.819	ng	#	85
20) 3+4-Methylphenols	7.03	107	213482	39.612	ng	#	64
22) Acetophenone	7.01	105	289049	41.971	ng		97
24) Nitrobenzene	7.19	77	202417	39.343	ng	#	88
25) Isophorone	7.43	82	369949	39.976	ng	#	94
26) 2-Nitrophenol	7.50	139	79284	27.714	ng	#	88
27) 2,4-Dimethylphenol	7.55	122	187246	39.786	ng		96
28) bis(2-Chloroethoxy)methane	7.64	93	255722	40.893	ng		99
29) 2,4-Dichlorophenol	7.75	162	163886	38.469	ng		98
30) 1,2,4-Trichlorobenzene	7.83	180	165693	40.906	ng		98
31) Naphthalene	7.90	128	595609	40.804	ng		99
32) Benzoic acid	7.67	122	69932m	23.248	ng		
33) 4-Chloroaniline	7.96	127	142627	24.662	ng		97
34) Hexachlorobutadiene	8.03	225	90928	42.051	ng		96
35) Caprolactam	8.33	113	49471m	36.242	ng		
36) 4-Chloro-3-methylphenol	8.45	107	161663	35.292	ng		87
37) 2-Methylnaphthalene	8.60	142	383795	41.242	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	138984	44.323	ng		99
40) Hexachlorocyclopentadiene	8.75	237	7706	11.111	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	89372	38.639	ng		98
43) 2,4,5-Trichlorophenol	8.92	196	91960	39.422	ng		98
45) 1,1'-Biphenyl	9.06	154	422753	42.494	ng		97
46) 2-Chloronaphthalene	9.08	162	311343	42.501	ng	#	93
47) 2-Nitroaniline	9.18	65	107744	42.788	ng	#	86
48) Acenaphthylene	9.49	152	475989	40.780	ng		99
49) Dimethylphthalate	9.36	163	386821	44.288	ng		100
50) 2,6-Dinitrotoluene	9.42	165	64200	33.935	ng	#	90
51) Acenaphthene	9.66	154	270344	39.208	ng		99
52) 3-Nitroaniline	9.59	138	97179	43.361	ng		96
53) 2,4-Dinitrophenol	9.70	184	1932	8.630	ng	#	71
54) Dibenzofuran	9.83	168	404747	41.889	ng		98
55) 4-Nitrophenol	9.76	139	91047	55.607	ng	#	68
56) 2,4-Dinitrotoluene	9.83	165	70882	29.157	ng	#	77
57) Fluorene	10.17	166	286413	40.113	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.96	232	61412	37.960	ng		98
59) Diethylphthalate	10.06	149	355508	41.811	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	127603	42.514	ng		99
61) 4-Nitroaniline	10.19	138	91885	43.660	ng		92
62) Azobenzene	10.33	77	291017	38.797	ng		93
64) 4,6-Dinitro-2-methylphenol	10.24	198	2474	2.361	ng	#	72
65) n-Nitrosodiphenylamine	10.29	169	266519	44.669	ng		98
66) 4-Bromophenyl-phenylether	10.66	248	75771	44.463	ng		99
67) Hexachlorobenzene	10.73	284	76662	40.391	ng	#	91
68) Atrazine	10.82	200	76430	44.962	ng		94
69) Pentachlorophenol	10.92	266	59860	65.285	ng		97
70) Phenanthrene	11.13	178	385997	42.531	ng		98
71) Anthracene	11.18	178	395691	43.121	ng		99
72) Carbazole	11.34	167	378990	42.650	ng		98
73) Di-n-butylphthalate	11.68	149	490145	44.290	ng	#	98
74) Fluoranthene	12.31	202	395655	45.546	ng		98
76) Benzidine	12.44	184	354612	81.051	ng	#	92
77) Pyrene	12.54	202	410506	33.869	ng		99
79) Butylbenzylphthalate	13.16	149	203388	35.318	ng	#	79
80) Benzo(a)anthracene	13.72	228	336785	40.473	ng		98
81) 3,3'-Dichlorobenzidine	13.69	252	129221	43.184	ng	#	97
82) Chrysene	13.76	228	323593	39.501	ng		99
83) Bis(2-ethylhexyl)phthalate	13.73	149	279724	39.885	ng		99
84) Di-n-octyl phthalate	14.34	149	518294	44.708	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.39	276	210781	29.072	ng		100
87) Benzo(b)fluoranthene	14.73	252	268067	44.835	ng		97
88) Benzo(k)fluoranthene	14.75	252	238881	42.192	ng	#	95
89) Benzo(a)pyrene	15.05	252	233302	42.544	ng		98
90) Dibenzo(a,h)anthracene	16.40	278	181951	36.059	ng		95
91) Benzo(g,h,i)perylene	16.77	276	174440	32.283	ng		97

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

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