Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
Data File : BF090031.D
Acq On : 8 Sep 2016 18:23
Operator : UM/SJ
Sample : H4704-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MS

Manual Integrations APPROVED
Sohil
9/9/2016 8:39:09 AM

Quant Time: Sep 09 05:09:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 08 16:07:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	196996	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	781571	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	396345	20.00	ng		0.00
63) Phenanthrene-d10	11.11	188	731305	20.00	ng		0.00
75) Chrysene-d12	13.73	240	446978	20.00	ng		0.00
86) Perylene-d12	15.06	264	457461	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	1353785	110.00	ng		0.01
7) Phenol-d6	6.25	99	1688464	112.91	ng		0.00
23) Nitrobenzene-d5	7.18	82	1050210	77.93	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	423670	108.35	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	1826841	75.66	ng		0.00
78) Terphenyl-d14	12.69	244	1472513	81.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	155037	26.59	ng	#	95
3) Pyridine	2.72	79	335623	21.57	ng		97
4) n-Nitrosodimethylamine	2.67	42	245587	32.01	ng		92
6) Aniline	6.26	93	569359	27.90	ng		91
8) 2-Chlorophenol	6.39	128	485157	36.34	ng		99
9) Benzaldehyde	6.14	77	63726	6.61	ng		95
10) Phenol	6.27	94	571506	32.86	ng	#	72
11) bis(2-Chloroethyl)ether	6.34	93	479245	36.42	ng		98
12) 1,3-Dichlorobenzene	6.54	146	518354m	34.76	ng		
13) 1,4-Dichlorobenzene	6.62	146	546145	35.79	ng		98
14) 1,2-Dichlorobenzene	6.78	146	483116	35.32	ng		95
15) Benzyl Alcohol	6.75	79	355155	37.91	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	845316	33.69	ng		91
17) 2-Methylphenol	6.88	107	403500	37.84	ng		100
18) Hexachloroethane	7.11	117	172996	33.10	ng	#	88
19) n-Nitroso-di-n-propylamine	7.03	70	324850	33.33	ng		88
20) 3+4-Methylphenols	7.04	107	492416	38.10	ng	#	71
22) Acetophenone	7.02	105	602094	34.34	ng	#	92
24) Nitrobenzene	7.19	77	467154	32.61	ng		95
25) Isophorone	7.44	82	941273	34.35	ng		96
26) 2-Nitrophenol	7.51	139	276519	40.38	ng		95
27) 2,4-Dimethylphenol	7.56	122	458154	36.16	ng		97
28) bis(2-Chloroethoxy)methane	7.66	93	626315	37.89	ng		99
29) 2,4-Dichlorophenol	7.76	162	429981	37.86	ng		89
30) 1,2,4-Trichlorobenzene	7.84	180	460598	37.09	ng		99
31) Naphthalene	7.91	128	1330739	34.18	ng		99
32) Benzoic acid	7.66	122	71339	8.36	ng		86
33) 4-Chloroaniline	7.96	127	495019	31.51	ng		99
34) Hexachlorobutadiene	8.03	225	253491	34.84	ng		99
35) Caprolactam	8.34	113	129583m	36.15	ng		
36) 4-Chloro-3-methylphenol	8.46	107	423316	35.19	ng	#	81
37) 2-Methylnaphthalene	8.60	142	988884	38.43	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	377407	32.50	ng		99
40) Hexachlorocyclopentadiene	8.75	237	279145	46.89	ng		95

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	285257	35.45	ng		99
43) 2,4,5-Trichlorophenol	8.92	196	325194	42.03	ng		97
45) 1,1'-Biphenyl	9.06	154	1012607	31.73	ng		100
46) 2-Chloronaphthalene	9.08	162	869095	38.50	ng		99
47) 2-Nitroaniline	9.19	65	302071	40.93	ng	#	86
48) Acenaphthylene	9.50	152	1375115	36.84	ng		100
49) Dimethylphthalate	9.38	163	1590576	55.52	ng		99
50) 2,6-Dinitrotoluene	9.44	165	244934	38.44	ng	#	63
51) Acenaphthene	9.67	154	889958	37.63	ng		99
52) 3-Nitroaniline	9.60	138	240885	33.15	ng		88
53) 2,4-Dinitrophenol	9.70	184	105497	35.39	ng	#	79
54) Dibenzofuran	9.84	168	1240485	39.14	ng		100
55) 4-Nitrophenol	9.77	139	348130	63.51	ng	#	64
56) 2,4-Dinitrotoluene	9.83	165	280550	34.72	ng	#	77
57) Fluorene	10.18	166	958860	41.41	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	279533	42.20	ng		93
59) Diethylphthalate	10.07	149	1001083	37.15	ng		99
60) 4-Chlorophenyl-phenylether	10.18	204	448158	41.12	ng		96
61) 4-Nitroaniline	10.20	138	243473	34.10	ng		91
62) Azobenzene	10.33	77	1001781	37.22	ng		99
64) 4,6-Dinitro-2-methylphenol	10.24	198	102005	21.79	ng	#	59
65) n-Nitrosodiphenylamine	10.30	169	829681	37.74	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	309955	42.10	ng		99
67) Hexachlorobenzene	10.72	284	286082	34.02	ng		98
68) Atrazine	10.83	200	291245	39.68	ng		95
69) Pentachlorophenol	10.91	266	290744	64.26	ng		98
70) Phenanthrene	11.13	178	1396696	38.35	ng		100
71) Anthracene	11.18	178	1409972	38.17	ng		100
72) Carbazole	11.34	167	1239872	35.80	ng		99
73) Di-n-butylphthalate	11.68	149	1504946	37.28	ng		99
74) Fluoranthene	12.31	202	1436550	37.64	ng		99
76) Benzidine	12.45	184	726884	42.93	ng		95
77) Pyrene	12.53	202	1269494	40.28	ng		99
79) Butylbenzylphthalate	13.17	149	554652	43.64	ng		95
80) Benzo(a)anthracene	13.71	228	1115490	40.75	ng		99
81) 3,3'-Dichlorobenzidine	13.68	252	365567	36.99	ng		99
82) Chrysene	13.75	228	1062097	41.53	ng		100
83) Bis(2-ethylhexyl)phthalate	13.73	149	692476	39.39	ng	#	93
84) Di-n-octyl phthalate	14.33	149	1204399	42.45	ng		100
85) Indeno(1,2,3-cd)pyrene	16.27	276	898234	47.51	ng		99
87) Benzo(b)fluoranthene	14.70	252	983483m	34.32	ng		
88) Benzo(k)fluoranthene	14.73	252	1056919m	43.46	ng		
89) Benzo(a)pyrene	15.01	252	951276	38.74	ng	#	96
90) Dibenzo(a,h)anthracene	16.29	278	736816	40.96	ng		97
91) Benzo(g,h,i)perylene	16.64	276	728939	40.25	ng		98

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

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