Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100814.D
Acq On : 22 Nov 2017 9:42
Operator : SJ/JU
Sample : PB104450BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104450BS

Manual Integrations APPROVED
Sohil
11/27/2017 3:19:22 PM

Quant Time: Nov 22 17:35:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	85927	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	342397	20.00	ng		-0.01
38) Acenaphthene-d10	9.92	164	159139	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	317121	20.00	ng		0.00
75) Chrysene-d12	14.04	240	183871	20.00	ng		0.00
86) Perylene-d12	15.51	264	182372	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	594028	110.82	ng		0.01
7) Phenol-d6	6.51	99	717183	108.50	ng		0.00
23) Nitrobenzene-d5	7.44	82	453522	87.57	ng		-0.01
41) 2,4,6-Tribromophenol	10.71	330	214913	132.53	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	967776	92.60	ng		0.00
78) Terphenyl-d14	12.99	244	876794	109.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.74	88	74505	28.521	ng		99
3) Pyridine	3.51	79	217381	30.501	ng		96
4) n-Nitrosodimethylamine	3.46	42	107962	31.200	ng		97
6) Aniline	6.55	93	157732	16.890	ng		97
8) 2-Chlorophenol	6.66	128	228412	40.279	ng		97
9) Benzaldehyde	6.43	77	64188	13.597	ng		94
10) Phenol	6.52	94	264654	38.139	ng		96
11) bis(2-Chloroethyl)ether	6.61	93	206977	35.510	ng		96
12) 1,3-Dichlorobenzene	6.82	146	256155	39.179	ng		97
13) 1,4-Dichlorobenzene	6.89	146	264480	39.968	ng		96
14) 1,2-Dichlorobenzene	7.05	146	244127	39.901	ng		98
15) Benzyl Alcohol	7.02	79	192425	37.300	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	358504	38.457	ng		99
17) 2-Methylphenol	7.13	107	193870	40.006	ng		98
18) Hexachloroethane	7.39	117	86012	39.422	ng		90
19) n-Nitroso-di-n-propylamine	7.29	70	155363	33.891	ng		94
20) 3+4-Methylphenols	7.28	107	236417	38.552	ng	#	74
22) Acetophenone	7.29	105	303918	36.401	ng	#	95
24) Nitrobenzene	7.46	77	230412	43.226	ng		99
25) Isophorone	7.70	82	423935	38.953	ng		98
26) 2-Nitrophenol	7.77	139	131346	52.045	ng		88
27) 2,4-Dimethylphenol	7.81	122	218430	44.772	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	268023	37.650	ng		100
29) 2,4-Dichlorophenol	8.02	162	207504	44.553	ng		94
30) 1,2,4-Trichlorobenzene	8.10	180	214110	42.500	ng		96
31) Naphthalene	8.18	128	662197	40.153	ng		99
32) Benzoic acid	7.95	122	145152	40.639	ng		95
33) 4-Chloroaniline	8.22	127	74128	10.799	ng		96
34) Hexachlorobutadiene	8.29	225	122665	40.951	ng		99
35) Caprolactam	8.62	113	63556m	39.764	ng		
36) 4-Chloro-3-methylphenol	8.71	107	209396	41.862	ng		97
37) 2-Methylnaphthalene	8.87	142	460718	42.079	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	217312	41.174	ng		97
40) Hexachlorocyclopentadiene	9.02	237	222107	89.415	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	155262	46.416	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	163132	47.071	ng		94
45) 1,1'-Biphenyl	9.33	154	557488	40.504	ng		98
46) 2-Chloronaphthalene	9.36	162	436337	43.698	ng		95
47) 2-Nitroaniline	9.46	65	128986	43.966	ng		100
48) Acenaphthylene	9.77	152	683338	41.295	ng		99
49) Dimethylphthalate	9.63	163	512829	42.206	ng		99
50) 2,6-Dinitrotoluene	9.70	165	116200	48.314	ng		92
51) Acenaphthene	9.95	154	390272	38.779	ng		98
52) 3-Nitroaniline	9.87	138	70663	24.881	ng		88
53) 2,4-Dinitrophenol	9.98	184	111302	96.122	ng	#	12
54) Dibenzofuran	10.12	168	589676	41.805	ng		98
55) 4-Nitrophenol	10.04	139	176484	76.529	ng		85
56) 2,4-Dinitrotoluene	10.10	165	153571	50.614	ng		92
57) Fluorene	10.46	166	465514	45.051	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	132041	46.487	ng	#	87
59) Diethylphthalate	10.33	149	495291	40.734	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	224644	44.317	ng		93
61) 4-Nitroaniline	10.49	138	105504	39.177	ng		90
62) Azobenzene	10.62	77	438137	38.258	ng		92
64) 4,6-Dinitro-2-methylphenol	10.52	198	74788	46.938	ng		74
65) n-Nitrosodiphenylamine	10.57	169	436223	39.561	ng		96
66) 4-Bromophenyl-phenylether	10.95	248	146180	43.001	ng	#	83
67) Hexachlorobenzene	11.01	284	154139	43.353	ng	#	89
68) Atrazine	11.10	200	138561	41.513	ng		98
69) Pentachlorophenol	11.20	266	164306	64.447	ng		99
70) Phenanthrene	11.43	178	694011	41.565	ng		99
71) Anthracene	11.48	178	720735	42.547	ng		98
72) Carbazole	11.63	167	593973	38.001	ng		99
73) Di-n-butylphthalate	11.96	149	759542	41.525	ng		98
74) Fluoranthene	12.62	202	695910	39.327	ng		95
76) Benzidine	12.73	184	30804	4.183	ng		98
77) Pyrene	12.84	202	688578	52.535	ng		99
79) Butylbenzylphthalate	13.45	149	259664	48.578	ng		96
80) Benzo(a)anthracene	14.03	228	488228	44.093	ng		98
81) 3,3'-Dichlorobenzidine	13.99	252	109550	27.614	ng		97
82) Chrysene	14.07	228	451645	42.122	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	323118	45.961	ng		99
84) Di-n-octyl phthalate	14.62	149	473165	39.177	ng		100
85) Indeno(1,2,3-cd)pyrene	17.00	276	520448	60.009	ng		94
87) Benzo(b)fluoranthene	15.08	252	413666	38.286	ng		98
88) Benzo(k)fluoranthene	15.11	252	407739	39.940	ng		98
89) Benzo(a)pyrene	15.45	252	414419	43.265	ng		99
90) Dibenzo(a,h)anthracene	17.02	278	427672	54.595	ng		97
91) Benzo(g,h,i)perylene	17.46	276	446042	58.168	ng		94

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

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