Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100113.D
Acq On : 3 Nov 2017 5:00
Operator : SJ/JU
Sample : PB103911BSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103911BSD

Manual Integrations APPROVED
Sohil
11/3/2017 11:21:01 AM

Quant Time: Nov 03 05:44:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	71420	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	300904	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	139968	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	237126	20.00	ng		-0.01
75) Chrysene-d12	13.95	240	139366	20.00	ng		-0.02
86) Perylene-d12	15.41	264	122266	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	339302	74.59	ng		0.00
7) Phenol-d6	6.42	99	389674	72.24	ng		-0.01
23) Nitrobenzene-d5	7.34	82	318575	68.16	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	87795	68.83	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	679779	74.93	ng		0.00
78) Terphenyl-d14	12.88	244	563104	88.30	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	65320	32.516	ng		89
3) Pyridine	3.31	79	131927	27.309	ng	#	84
4) n-Nitrosodimethylamine	3.27	42	50242	29.111	ng	#	61
6) Aniline	6.44	93	168562	24.101	ng	#	87
8) 2-Chlorophenol	6.56	128	187234	38.618	ng		93
9) Benzaldehyde	6.33	77	64081	19.881	ng		90
10) Phenol	6.43	94	217236	36.681	ng		95
11) bis(2-Chloroethyl)ether	6.50	93	160037	34.994	ng		94
12) 1,3-Dichlorobenzene	6.70	146	196824	36.155	ng		97
13) 1,4-Dichlorobenzene	6.79	146	201844	36.532	ng		97
14) 1,2-Dichlorobenzene	6.94	146	187076	37.151	ng		95
15) Benzyl Alcohol	6.92	79	126848	36.978	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	203577	40.072	ng	#	26
17) 2-Methylphenol	7.03	107	144113	35.535	ng	#	93
18) Hexachloroethane	7.27	117	59789	32.436	ng		100
19) n-Nitroso-di-n-propylamine	7.19	70	112380	35.552	ng	#	88
20) 3+4-Methylphenols	7.19	107	196439	41.599	ng	#	76
22) Acetophenone	7.19	105	240508	35.104	ng	#	93
24) Nitrobenzene	7.36	77	168910	35.867	ng		89
25) Isophorone	7.59	82	311955	36.783	ng		97
26) 2-Nitrophenol	7.67	139	96105	35.630	ng	#	87
27) 2,4-Dimethylphenol	7.72	122	166105	41.796	ng		94
28) bis(2-Chloroethoxy)methane	7.80	93	209226	35.225	ng		98
29) 2,4-Dichlorophenol	7.92	162	158059	38.285	ng		98
30) 1,2,4-Trichlorobenzene	7.99	180	157404	35.683	ng		98
31) Naphthalene	8.07	128	523318	36.029	ng		99
32) Benzoic acid	7.87	122	93887	26.839	ng	#	87
33) 4-Chloroaniline	8.13	127	120357	20.067	ng		95
34) Hexachlorobutadiene	8.18	225	78273	34.498	ng		99
35) Caprolactam	8.51	113	48890m	37.657	ng		
36) 4-Chloro-3-methylphenol	8.63	107	156659	37.177	ng		92
37) 2-Methylnaphthalene	8.76	142	368280	37.835	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	150490	33.290	ng	#	98
40) Hexachlorocyclopentadiene	8.91	237	5811	17.421	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	102341	37.427	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	101166	34.864	ng		95
45) 1,1'-Biphenyl	9.23	154	426069	33.649	ng		98
46) 2-Chloronaphthalene	9.26	162	332234	36.129	ng		95
47) 2-Nitroaniline	9.37	65	86813	35.970	ng	#	79
48) Acenaphthylene	9.67	152	492307	34.760	ng		99
49) Dimethylphthalate	9.53	163	380400	34.319	ng		100
50) 2,6-Dinitrotoluene	9.61	165	83913	36.011	ng	#	76
51) Acenaphthene	9.84	154	299923	34.657	ng		99
52) 3-Nitroaniline	9.78	138	72629	26.453	ng		90
53) 2,4-Dinitrophenol	9.92	184	30786	36.814	ng	#	81
54) Dibenzofuran	10.02	168	450275	36.860	ng		98
55) 4-Nitrophenol	9.97	139	78245	54.542	ng	#	78
56) 2,4-Dinitrotoluene	10.02	165	109687	39.087	ng	#	87
57) Fluorene	10.36	166	361234	35.715	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	79298	38.976	ng	#	91
59) Diethylphthalate	10.23	149	370839	34.260	ng		96
60) 4-Chlorophenyl-phenylether	10.34	204	166933	35.069	ng		91
61) 4-Nitroaniline	10.40	138	81689	31.185	ng	#	79
62) Azobenzene	10.50	77	313824	34.586	ng		91
64) 4,6-Dinitro-2-methylphenol	10.44	198	26860	18.020	ng		85
65) n-Nitrosodiphenylamine	10.47	169	320862	36.656	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	95410	38.220	ng		92
67) Hexachlorobenzene	10.91	284	94084	36.839	ng	#	90
68) Atrazine	11.00	200	98727	37.548	ng		99
69) Pentachlorophenol	11.12	266	61624	56.469	ng		97
70) Phenanthrene	11.32	178	486501	36.354	ng		98
71) Anthracene	11.37	178	498634	36.708	ng		99
72) Carbazole	11.54	167	457864	35.844	ng		97
73) Di-n-butylphthalate	11.84	149	598559	36.738	ng		99
74) Fluoranthene	12.52	202	443381	31.882	ng		97
76) Benzidine	12.64	184	242086	39.698	ng		98
77) Pyrene	12.74	202	442607	41.766	ng		99
79) Butylbenzylphthalate	13.34	149	211988	40.623	ng		93
80) Benzo(a)anthracene	13.94	228	318856	36.091	ng		97
81) 3,3'-Dichlorobenzidine	13.90	252	101945	31.788	ng	#	99
82) Chrysene	13.97	228	301283	36.273	ng		98
83) Bis(2-ethylhexyl)phthalate	13.90	149	278116	37.951	ng	#	99
84) Di-n-octyl phthalate	14.51	149	424921	33.783	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.87	276	266320	34.927	ng		98
87) Benzo(b)fluoranthene	14.99	252	269103	34.856	ng		99
88) Benzo(k)fluoranthene	15.02	252	275810	37.885	ng		99
89) Benzo(a)pyrene	15.35	252	261652	37.728	ng		97
90) Dibenzo(a,h)anthracene	16.87	278	227257	36.878	ng		98
91) Benzo(g,h,i)perylene	17.32	276	218883	36.305	ng		94

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

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