Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100138.D
Acq On : 3 Nov 2017 16:56
Operator : SJ/JU
Sample : PB103911BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103911BS

Manual Integrations APPROVED
Sohil
11/4/2017 2:18:51 PM

Quant Time: Nov 03 18:00:54 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	81623	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	352639	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	169709	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	301566	20.00	ng		0.00
75) Chrysene-d12	13.95	240	198832	20.00	ng		0.00
86) Perylene-d12	15.41	264	135662	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	362504	69.73	ng		0.01
7) Phenol-d6	6.42	99	424149	68.80	ng		0.00
23) Nitrobenzene-d5	7.34	82	349237	63.76	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	97648	63.14	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	756776	68.80	ng		0.00
78) Terphenyl-d14	12.88	244	685748	75.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	70321	30.629	ng	#	86
3) Pyridine	3.33	79	186680m	33.812	ng		
4) n-Nitrosodimethylamine	3.29	42	58730	29.776	ng	#	67
6) Aniline	6.44	93	166958	20.888	ng	#	72
8) 2-Chlorophenol	6.56	128	205335	37.057	ng		90
9) Benzaldehyde	6.33	77	69697	18.920	ng		89
10) Phenol	6.43	94	238765	35.277	ng		96
11) bis(2-Chloroethyl)ether	6.50	93	177045	33.874	ng		94
12) 1,3-Dichlorobenzene	6.70	146	210541	33.840	ng		95
13) 1,4-Dichlorobenzene	6.79	146	216472	34.282	ng		97
14) 1,2-Dichlorobenzene	6.93	146	199201	34.614	ng		97
15) Benzyl Alcohol	6.93	79	142634	36.382	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.04	45	222431	38.310	ng	#	5
17) 2-Methylphenol	7.04	107	160509	34.630	ng	#	94
18) Hexachloroethane	7.27	117	70281	33.362	ng		93
19) n-Nitroso-di-n-propylamine	7.19	70	125040	34.612	ng	#	87
20) 3+4-Methylphenols	7.20	107	220706	40.895	ng		98
22) Acetophenone	7.19	105	265124	33.020	ng	#	90
24) Nitrobenzene	7.36	77	186881	33.861	ng		89
25) Isophorone	7.59	82	350347	35.249	ng		98
26) 2-Nitrophenol	7.67	139	113889	36.029	ng	#	86
27) 2,4-Dimethylphenol	7.72	122	183838	39.471	ng		95
28) bis(2-Chloroethoxy)methane	7.80	93	233215	33.504	ng		98
29) 2,4-Dichlorophenol	7.93	162	179816	37.165	ng		95
30) 1,2,4-Trichlorobenzene	7.99	180	175905	34.027	ng		98
31) Naphthalene	8.07	128	576887	33.890	ng		99
32) Benzoic acid	7.87	122	95984	23.413	ng		93
33) 4-Chloroaniline	8.14	127	115494	16.431	ng	#	93
34) Hexachlorobutadiene	8.17	225	86630	32.579	ng		99
35) Caprolactam	8.52	113	55010m	36.154	ng		
36) 4-Chloro-3-methylphenol	8.63	107	175852	35.610	ng		94
37) 2-Methylnaphthalene	8.76	142	410853	36.017	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	168809	30.798	ng	#	98
40) Hexachlorocyclopentadiene	8.90	237	32215	39.073	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	112369	33.892	ng		100
43) 2,4,5-Trichlorophenol	9.11	196	112569	31.995	ng	#	92
45) 1,1'-Biphenyl	9.23	154	486984	31.720	ng		98
46) 2-Chloronaphthalene	9.26	162	380345	34.113	ng		95
47) 2-Nitroaniline	9.37	65	98011	33.493	ng	#	84
48) Acenaphthylene	9.67	152	567839	33.066	ng		99
49) Dimethylphthalate	9.53	163	427783	31.830	ng		99
50) 2,6-Dinitrotoluene	9.61	165	96855	34.281	ng	#	81
51) Acenaphthene	9.84	154	344025	32.786	ng		97
52) 3-Nitroaniline	9.79	138	70507	21.179	ng	#	81
53) 2,4-Dinitrophenol	9.92	184	50853m	48.066	ng		
54) Dibenzofuran	10.02	168	515353	34.794	ng		97
55) 4-Nitrophenol	9.97	139	68617	39.448	ng	#	78
56) 2,4-Dinitrotoluene	10.02	165	129082	37.938	ng	#	89
57) Fluorene	10.36	166	413539	33.721	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.15	232	86269	34.972	ng		91
59) Diethylphthalate	10.23	149	425604	32.429	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	190423	32.993	ng		91
61) 4-Nitroaniline	10.40	138	98651	31.060	ng		82
62) Azobenzene	10.50	77	361973	32.901	ng		90
64) 4,6-Dinitro-2-methylphenol	10.45	198	42441	22.389	ng	#	71
65) n-Nitrosodiphenylamine	10.47	169	363991	32.697	ng		98
66) 4-Bromophenyl-phenylether	10.83	248	110720	34.875	ng		92
67) Hexachlorobenzene	10.91	284	111511	34.333	ng		93
68) Atrazine	11.00	200	111261	33.272	ng		99
69) Pentachlorophenol	11.12	266	62802	45.251	ng		98
70) Phenanthrene	11.32	178	571581	33.585	ng		98
71) Anthracene	11.37	178	600943	34.787	ng		99
72) Carbazole	11.54	167	545167	33.559	ng		99
73) Di-n-butylphthalate	11.85	149	672233	32.443	ng		99
74) Fluoranthene	12.52	202	575853	32.559	ng		99
76) Benzidine	12.65	184	191767	22.041	ng		97
77) Pyrene	12.75	202	575254	38.048	ng		98
79) Butylbenzylphthalate	13.35	149	260764	35.025	ng		93
80) Benzo(a)anthracene	13.94	228	418757	33.223	ng		99
81) 3,3'-Dichlorobenzidine	13.90	252	89227	19.501	ng		99
82) Chrysene	13.97	228	404930	34.171	ng		99
83) Bis(2-ethylhexyl)phthalate	13.90	149	346595	33.150	ng		98
84) Di-n-octyl phthalate	14.51	149	557345	31.059	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.88	276	292142	26.855	ng		97
87) Benzo(b)fluoranthene	14.99	252	295155	34.455	ng		96
88) Benzo(k)fluoranthene	15.02	252	313701	38.835	ng		98
89) Benzo(a)pyrene	15.35	252	278924	36.247	ng		97
90) Dibenzo(a,h)anthracene	16.87	278	245951	35.971	ng		97
91) Benzo(g,h,i)perylene	17.32	276	254287	38.013	ng		97

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

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