Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100137.D
Acq On : 3 Nov 2017 16:28
Operator : SJ/JU
Sample : PB103597BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB103597BSD

Manual Integrations APPROVED
Sohil
11/4/2017 2:18:48 PM

Quant Time: Nov 03 17:59:23 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	81164	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	348810	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	167381	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	299575	20.00	ng		0.00
75) Chrysene-d12	13.95	240	205316	20.00	ng		0.00
86) Perylene-d12	15.41	264	145304	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	618528	119.64	ng		0.01
7) Phenol-d6	6.42	99	716276	116.85	ng		0.00
23) Nitrobenzene-d5	7.35	82	406017	74.94	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	168176	110.25	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	860264	79.30	ng		0.00
78) Terphenyl-d14	12.88	244	777925	82.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	77528	33.959	ng	#	86
3) Pyridine	3.33	79	204602m	37.268	ng		
4) n-Nitrosodimethylamine	3.29	42	70147	35.765	ng	#	68
6) Aniline	6.45	93	96576	12.151	ng	#	60
8) 2-Chlorophenol	6.56	128	220973	40.105	ng		91
9) Benzaldehyde	6.33	77	73338	20.021	ng		87
10) Phenol	6.43	94	254810	37.860	ng		94
11) bis(2-Chloroethyl)ether	6.51	93	197392	37.980	ng		92
12) 1,3-Dichlorobenzene	6.70	146	232780	37.626	ng		96
13) 1,4-Dichlorobenzene	6.79	146	238758	38.025	ng		97
14) 1,2-Dichlorobenzene	6.94	146	216507	37.834	ng		95
15) Benzyl Alcohol	6.93	79	151431	38.844	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.04	45	241492	41.829	ng	#	10
17) 2-Methylphenol	7.04	107	176258	38.243	ng	#	93
18) Hexachloroethane	7.27	117	77857	37.167	ng		96
19) n-Nitroso-di-n-propylamine	7.19	70	137190	38.190	ng		89
20) 3+4-Methylphenols	7.20	107	244013	45.470	ng		93
22) Acetophenone	7.19	105	292040	36.771	ng	#	91
24) Nitrobenzene	7.36	77	205627	37.667	ng		88
25) Isophorone	7.60	82	387057	39.370	ng		96
26) 2-Nitrophenol	7.68	139	125651	40.186	ng	#	82
27) 2,4-Dimethylphenol	7.72	122	200583	43.540	ng		95
28) bis(2-Chloroethoxy)methane	7.80	93	257070	37.336	ng		100
29) 2,4-Dichlorophenol	7.93	162	196928	41.149	ng		96
30) 1,2,4-Trichlorobenzene	7.99	180	191803	37.510	ng		99
31) Naphthalene	8.07	128	630702	37.459	ng		99
32) Benzoic acid	7.88	122	114605	28.262	ng		90
33) 4-Chloroaniline	8.15	127	41472	5.965	ng		96
34) Hexachlorobutadiene	8.18	225	93815	35.669	ng		100
35) Caprolactam	8.52	113	60770m	40.379	ng		
36) 4-Chloro-3-methylphenol	8.63	107	193380	39.589	ng		91
37) 2-Methylnaphthalene	8.76	142	447837	39.690	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	183947	34.027	ng	#	98
40) Hexachlorocyclopentadiene	8.91	237	40460	45.509	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	124736	38.146	ng		99
43) 2,4,5-Trichlorophenol	9.11	196	122630	35.340	ng		92
45) 1,1'-Biphenyl	9.23	154	526070	34.742	ng		98
46) 2-Chloronaphthalene	9.26	162	413878	37.637	ng		96
47) 2-Nitroaniline	9.37	65	105287	36.480	ng		86
48) Acenaphthylene	9.67	152	614384	36.274	ng		99
49) Dimethylphthalate	9.53	163	466390	35.185	ng		99
50) 2,6-Dinitrotoluene	9.61	165	106555	38.239	ng	#	86
51) Acenaphthene	9.84	154	373942	36.133	ng		98
52) 3-Nitroaniline	9.79	138	38796	11.816	ng	#	85
53) 2,4-Dinitrophenol	9.92	184	68794m	63.787	ng		
54) Dibenzofuran	10.02	168	562327	38.494	ng		98
55) 4-Nitrophenol	9.97	139	79331	46.242	ng	#	77
56) 2,4-Dinitrotoluene	10.03	165	141423	42.143	ng	#	77
57) Fluorene	10.36	166	450634	37.257	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	98229	40.374	ng		91
59) Diethylphthalate	10.23	149	466071	36.006	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	208745	36.671	ng		94
61) 4-Nitroaniline	10.41	138	101587	32.429	ng		81
62) Azobenzene	10.51	77	398948	36.766	ng		87
64) 4,6-Dinitro-2-methylphenol	10.45	198	53429	28.372	ng	#	68
65) n-Nitrosodiphenylamine	10.47	169	401767	36.331	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	121799	38.620	ng		94
67) Hexachlorobenzene	10.91	284	123189	38.180	ng		94
68) Atrazine	11.00	200	124834	37.580	ng		98
69) Pentachlorophenol	11.12	266	79357	57.560	ng		98
70) Phenanthrene	11.33	178	623895	36.903	ng		99
71) Anthracene	11.38	178	659281	38.417	ng		98
72) Carbazole	11.54	167	596456	36.960	ng		98
73) Di-n-butylphthalate	11.85	149	737865	35.847	ng	#	98
74) Fluoranthene	12.52	202	644056	36.657	ng		100
76) Benzidine	12.65	184	164263	18.284	ng		97
77) Pyrene	12.75	202	652781	41.813	ng		98
79) Butylbenzylphthalate	13.35	149	303074	39.422	ng		86
80) Benzo(a)anthracene	13.94	228	489749	37.628	ng		99
81) 3,3'-Dichlorobenzidine	13.90	252	66766	14.132	ng	#	98
82) Chrysene	13.98	228	462725	37.815	ng		98
83) Bis(2-ethylhexyl)phthalate	13.90	149	413054	38.259	ng	#	99
84) Di-n-octyl phthalate	14.51	149	658504	35.537	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.88	276	349610	31.123	ng		96
87) Benzo(b)fluoranthene	14.99	252	376590m	41.044	ng		
88) Benzo(k)fluoranthene	15.02	252	339632	39.255	ng		100
89) Benzo(a)pyrene	15.35	252	329854	40.021	ng	#	96
90) Dibenzo(a,h)anthracene	16.87	278	293354	40.056	ng		99
91) Benzo(g,h,i)perylene	17.32	276	305593	42.651	ng		97

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

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