Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094808.D
Acq On : 2 May 2017 23:04
Operator : SJ/MA
Sample : I2928-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 03 17:39:55 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SP-1-COMPMS

Manual Integrations APPROVED
mohammad
5/4/2017 1:44:24 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	86768	20.00	ng		0.00
21) Naphthalene-d8	9.75	136	348420	20.00	ng		0.00
38) Acenaphthene-d10	12.58	164	166921	20.00	ng		0.00
63) Phenanthrene-d10	14.98	188	309903	20.00	ng		0.00
75) Chrysene-d12	18.65	240	194405	20.00	ng		0.00
86) Perylene-d12	20.31	264	179724	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	707813	136.00	ng		0.01
7) Phenol-d6	7.28	99	856234	137.12	ng		0.00
23) Nitrobenzene-d5	8.63	82	506182	91.61	ng		0.00
41) 2,4,6-Tribromophenol	13.88	330	169067	123.67	ng		0.00
44) 2-Fluorobiphenyl	11.53	172	918065	79.16	ng		0.00
78) Terphenyl-d14	17.31	244	807887	91.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	89249	34.967	ng		96
3) Pyridine	2.81	79	220848	37.333	ng		98
4) n-Nitrosodimethylamine	2.74	42	106428	43.162	ng		89
6) Aniline	7.23	93	275736	34.977	ng		95
8) 2-Chlorophenol	7.42	128	264254	44.610	ng		94
9) Benzaldehyde	7.04	77	46609	12.224	ng		98
10) Phenol	7.30	94	312237	47.451	ng		89
11) bis(2-Chloroethyl)ether	7.37	93	233815	43.042	ng		96
12) 1,3-Dichlorobenzene	7.64	146	259008	38.546	ng		99
13) 1,4-Dichlorobenzene	7.76	146	270325	39.669	ng		97
14) 1,2-Dichlorobenzene	8.00	146	261389	41.094	ng		94
15) Benzyl Alcohol	8.01	79	193451	48.166	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.22	45	303406	39.462	ng		49
17) 2-Methylphenol	8.22	107	208807	43.073	ng	#	87
18) Hexachloroethane	8.51	117	92610	40.118	ng	#	82
19) n-Nitroso-di-n-propylamine	8.44	70	182973	43.325	ng		94
20) 3+4-Methylphenols	8.48	107	282592	42.899	ng	#	59
22) Acetophenone	8.40	105	368479	44.079	ng	#	84
24) Nitrobenzene	8.66	77	255667	44.145	ng		96
25) Isophorone	9.05	82	445355	45.140	ng		95
26) 2-Nitrophenol	9.17	139	142098	45.470	ng		98
27) 2,4-Dimethylphenol	9.30	122	219153	43.374	ng		98
28) bis(2-Chloroethoxy)methane	9.42	93	293709	43.033	ng		99
29) 2,4-Dichlorophenol	9.58	162	206526	43.290	ng		99
30) 1,2,4-Trichlorobenzene	9.68	180	202441	39.608	ng		98
31) Naphthalene	9.78	128	697745	39.845	ng		99
32) Benzoic acid	9.54	122	43700	16.860	ng		93
33) 4-Chloroaniline	9.92	127	72966	11.181	ng	#	91
34) Hexachlorobutadiene	10.01	225	106759	39.586	ng		98
35) Caprolactam	10.52	113	61901m	43.210	ng		
36) 4-Chloro-3-methylphenol	10.77	107	225062	44.124	ng		88
37) 2-Methylnaphthalene	10.91	142	517729	45.048	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.19	216	202202	39.391	ng		99
40) Hexachlorocyclopentadiene	11.17	237	145616	68.425	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.41	196	144842	42.261	ng		99
43) 2,4,5-Trichlorophenol	11.48	196	143745	39.022	ng		93
45) 1,1'-Biphenyl	11.68	154	548977	39.062	ng		97
46) 2-Chloronaphthalene	11.69	162	433724	38.221	ng		96
47) 2-Nitroaniline	11.89	65	128502	41.373	ng	#	84
48) Acenaphthylene	12.35	152	714373	40.192	ng		98
49) Dimethylphthalate	12.22	163	926447	67.607	ng		99
50) 2,6-Dinitrotoluene	12.31	165	122252	43.730	ng		98
51) Acenaphthene	12.64	154	438303	41.285	ng		99
52) 3-Nitroaniline	12.58	138	81010	26.998	ng		83
53) 2,4-Dinitrophenol	12.77	184	72245	49.502	ng	#	68
54) Dibenzofuran	12.92	168	663691	45.176	ng		99
55) 4-Nitrophenol	12.95	139	153472	85.158	ng	#	76
56) 2,4-Dinitrotoluene	12.97	165	161553	44.972	ng	#	85
57) Fluorene	13.48	166	537419	42.070	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.16	232	107411	46.331	ng	#	95
59) Diethylphthalate	13.37	149	516831	39.350	ng		99
60) 4-Chlorophenyl-phenylether	13.50	204	224033	39.904	ng		93
61) 4-Nitroaniline	13.57	138	114860	41.697	ng		97
62) Azobenzene	13.76	77	446589	42.314	ng		94
64) 4,6-Dinitro-2-methylphenol	13.63	198	69594	33.499	ng	#	69
65) n-Nitrosodiphenylamine	13.71	169	446258	39.676	ng		99
66) 4-Bromophenyl-phenylether	14.29	248	129752	39.630	ng		99
67) Hexachlorobenzene	14.37	284	129631	38.633	ng	#	83
68) Atrazine	14.62	200	132583	41.749	ng		97
69) Pentachlorophenol	14.72	266	104683	69.806	ng		98
70) Phenanthrene	15.02	178	716981	40.266	ng		98
71) Anthracene	15.10	178	693864	38.148	ng		98
72) Carbazole	15.38	167	622840	37.636	ng		98
73) Di-n-butylphthalate	15.95	149	804257	38.970	ng		99
74) Fluoranthene	16.76	202	704210	38.554	ng		98
76) Benzidine	16.98	184	150177	31.231	ng	#	92
77) Pyrene	17.06	202	703204	48.366	ng		99
79) Butylbenzylphthalate	17.97	149	293775	43.440	ng		87
80) Benzo(a)anthracene	18.64	228	456402	40.339	ng		97
81) 3,3'-Dichlorobenzidine	18.62	252	96751	24.759	ng	#	96
82) Chrysene	18.68	228	425553	38.898	ng		98
83) Bis(2-ethylhexyl)phthalate	18.71	149	403906	41.918	ng	#	99
84) Di-n-octyl phthalate	19.48	149	632009	40.007	ng		97
85) Indeno(1,2,3-cd)pyrene	21.60	276	479068	53.923	ng		99
87) Benzo(b)fluoranthene	19.90	252	433457	39.031	ng		97
88) Benzo(k)fluoranthene	19.93	252	377553	35.245	ng		97
89) Benzo(a)pyrene	20.25	252	413563	40.357	ng		100
90) Dibenzo(a,h)anthracene	21.61	278	394541	46.618	ng		97
91) Benzo(g,h,i)perylene	21.97	276	416664	50.169	ng		97

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

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