Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
Data File : BF095608.D
Acq On : 1 Jun 2017 22:20
Operator : SJ/MA
Sample : I3388-05MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-B43-B50-002MS

Manual Integrations APPROVED
mohammad
6/2/2017 2:32:27 PM

Quant Time: Jun 02 04:39:17 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 18:51:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	72431	20.00	ng		0.00
21) Naphthalene-d8	9.57	136	312832	20.00	ng		0.00
38) Acenaphthene-d10	12.40	164	151176	20.00	ng		0.00
63) Phenanthrene-d10	14.80	188	275139	20.00	ng		0.00
75) Chrysene-d12	18.50	240	218584	20.00	ng		0.00
86) Perylene-d12	20.17	264	159749	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	606118	139.52	ng		0.03
7) Phenol-d6	7.10	99	705706	135.38	ng		0.00
23) Nitrobenzene-d5	8.45	82	462957	93.32	ng		-0.01
41) 2,4,6-Tribromophenol	13.70	330	187560	151.49	ng		0.00
44) 2-Fluorobiphenyl	11.34	172	942844	89.77	ng		0.00
78) Terphenyl-d14	17.15	244	888057	89.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.99	88	73487	34.490	ng	#	80
3) Pyridine	2.62	79	92721	18.777	ng		96
4) n-Nitrosodimethylamine	2.52	42	82241	39.955	ng	#	77
6) Aniline	7.05	93	124671	18.945	ng		96
8) 2-Chlorophenol	7.23	128	233538	47.229	ng		97
9) Benzaldehyde	6.89	77	23683	7.441	ng		91
10) Phenol	7.12	94	266877	48.585	ng		92
11) bis(2-Chloroethyl)ether	7.18	93	210693	46.462	ng		95
12) 1,3-Dichlorobenzene	7.44	146	232552	41.459	ng		98
13) 1,4-Dichlorobenzene	7.56	146	240946	42.357	ng		97
14) 1,2-Dichlorobenzene	7.80	146	228481	43.031	ng		96
15) Benzyl Alcohol	7.84	79	196560	58.627	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.04	45	267389	41.661	ng		95
17) 2-Methylphenol	8.06	107	201306	49.746	ng		95
18) Hexachloroethane	8.32	117	80498	41.774	ng	#	87
19) n-Nitroso-di-n-propylamine	8.26	70	167101	47.399	ng		94
20) 3+4-Methylphenols	8.33	107	265750	48.328	ng	#	62
22) Acetophenone	8.23	105	339705	45.260	ng	#	83
24) Nitrobenzene	8.48	77	229430	44.122	ng		92
25) Isophorone	8.89	82	431234	48.681	ng		96
26) 2-Nitrophenol	8.99	139	132979	47.393	ng		99
27) 2,4-Dimethylphenol	9.14	122	236376	52.105	ng		98
28) bis(2-Chloroethoxy)methane	9.26	93	276863	45.179	ng		99
29) 2,4-Dichlorophenol	9.43	162	208983	48.789	ng		99
30) 1,2,4-Trichlorobenzene	9.50	180	193350	42.133	ng		99
31) Naphthalene	9.61	128	2137653	135.958	ng		99
32) Benzoic acid	9.50	122	136421	46.034	ng		93
33) 4-Chloroaniline	9.76	127	110486	18.856	ng	#	94
34) Hexachlorobutadiene	9.82	225	95700	39.522	ng		100
35) Caprolactam	10.39	113	60795m	47.266	ng		
36) 4-Chloro-3-methylphenol	10.62	107	226435	49.443	ng		91
37) 2-Methylnaphthalene	10.73	142	629089	60.965	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.01	216	194160	41.763	ng		98
40) Hexachlorocyclopentadiene	10.98	237	88717	48.012	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.24	196	143540	46.243	ng		98
43) 2,4,5-Trichlorophenol	11.33	196	141331	42.363	ng		94
45) 1,1'-Biphenyl	11.50	154	586815	46.104	ng		98
46) 2-Chloronaphthalene	11.51	162	443145	43.118	ng		94
47) 2-Nitroaniline	11.73	65	135050	48.010	ng	#	81
48) Acenaphthylene	12.17	152	737774	45.831	ng		98
49) Dimethylphthalate	12.05	163	548265	44.177	ng		98
50) 2,6-Dinitrotoluene	12.14	165	123274	48.688	ng	#	93
51) Acenaphthene	12.45	154	471483	49.036	ng		98
52) 3-Nitroaniline	12.42	138	86163	31.706	ng		89
53) 2,4-Dinitrophenol	12.63	184	124209	88.359	ng	#	66
54) Dibenzofuran	12.74	168	690406	51.889	ng		98
55) 4-Nitrophenol	12.82	139	124853	76.493	ng	#	71
56) 2,4-Dinitrotoluene	12.82	165	172020	52.873	ng	#	87
57) Fluorene	13.29	166	562009	48.577	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.99	232	111429	53.070	ng	#	92
59) Diethylphthalate	13.20	149	536094	45.067	ng		99
60) 4-Chlorophenyl-phenylether	13.32	204	235824	46.379	ng		91
61) 4-Nitroaniline	13.42	138	125297	50.224	ng		95
62) Azobenzene	13.57	77	499548	52.261	ng		94
64) 4,6-Dinitro-2-methylphenol	13.49	198	81635	44.260	ng	#	70
65) n-Nitrosodiphenylamine	13.53	169	466940	46.760	ng		99
66) 4-Bromophenyl-phenylether	14.10	248	134176	46.159	ng		98
67) Hexachlorobenzene	14.19	284	134325	45.090	ng	#	86
68) Atrazine	14.46	200	137321	48.705	ng		96
69) Pentachlorophenol	14.55	266	96180	72.035	ng		99
70) Phenanthrene	14.84	178	795028	50.291	ng		99
71) Anthracene	14.92	178	802009	49.666	ng		99
72) Carbazole	15.22	167	841551	57.277	ng		97
73) Di-n-butylphthalate	15.79	149	859985	46.935	ng		99
74) Fluoranthene	16.60	202	788308	48.612	ng		99
76) Benzidine	16.85	184	15603	8.866	ng	#	91
77) Pyrene	16.90	202	792190	48.459	ng		99
79) Butylbenzylphthalate	17.81	149	367167	48.287	ng		88
80) Benzo(a)anthracene	18.49	228	606948	47.711	ng		99
81) 3,3'-Dichlorobenzidine	18.47	252	134625	30.640	ng	#	96
82) Chrysene	18.53	228	578820	47.055	ng		100
83) Bis(2-ethylhexyl)phthalate	18.56	149	514053	47.448	ng	#	100
84) Di-n-octyl phthalate	19.33	149	826049	46.506	ng		95
85) Indeno(1,2,3-cd)pyrene	21.40	276	448557	44.904	ng		99
87) Benzo(b)fluoranthene	19.76	252	498109	50.461	ng		98
88) Benzo(k)fluoranthene	19.79	252	483941	50.825	ng		96
89) Benzo(a)pyrene	20.11	252	448949	49.288	ng		99
90) Dibenzo(a,h)anthracene	21.40	278	375980	49.980	ng		97
91) Benzo(g,h,i)perylene	21.76	276	393495	53.304	ng		98

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

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