Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
Data File : BF094365.D
Acq On : 11 Apr 2017 22:09
Operator : SJ/MA
Sample : I2622-07MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-AA8-BASEMSD

Manual Integrations APPROVED
mohammad
4/12/2017 5:11:59 PM

Quant Time: Apr 12 02:53:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	133673	20.00	ng		-0.02
21) Naphthalene-d8	7.35	136	266043	20.00	ng		-0.02
38) Acenaphthene-d10	9.50	164	148582	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	276782	20.00	ng		0.00
75) Chrysene-d12	14.58	240	239583	20.00	ng		0.00
86) Perylene-d12	16.20	264	198982	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.39	112	950629	120.12	ng		0.00
7) Phenol-d6	5.49	99	1103687	112.73	ng		0.02
23) Nitrobenzene-d5	6.53	82	705358	151.31	ng		0.02
41) 2,4,6-Tribromophenol	10.48	330	153257	130.53	ng		0.00
44) 2-Fluorobiphenyl	8.68	172	1020361	104.74	ng		0.00
78) Terphenyl-d14	13.30	244	760356	71.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	116575	30.66	ng		96
3) Pyridine	2.70	79	228294	22.03	ng		99
4) n-Nitrosodimethylamine	2.63	42	147479	34.59	ng		90
6) Aniline	5.55	93	480246m	35.26	ng		
8) 2-Chlorophenol	5.62	128	350826	40.33	ng		97
9) Benzaldehyde	5.33	77	84141	12.73	ng	#	1
10) Phenol	5.52	94	2850017	255.80	ng		92
11) bis(2-Chloroethyl)ether	5.55	93	417675	47.97	ng	#	74
12) 1,3-Dichlorobenzene	5.77	146	380036	38.95	ng		97
13) 1,4-Dichlorobenzene	5.86	146	370554	37.49	ng		96
14) 1,2-Dichlorobenzene	6.03	146	346319	38.05	ng		98
15) Benzyl Alcohol	6.23	79	2807815	391.82	ng	#	1
16) 2,2'-oxybis(1-Chloropropan	6.19	45	245976	18.33	ng	#	1
17) 2-Methylphenol	6.23	107	5771446	774.68	ng		96
20) 3+4-Methylphenols	6.40	107	8525095m	944.81	ng		
24) Nitrobenzene	6.55	77	303048	65.91	ng		93
27) 2,4-Dimethylphenol	7.08	122	8446875m	2235.78	ng		
28) bis(2-Chloroethoxy)methane	7.13	93	254471m	47.11	ng		
29) 2,4-Dichlorophenol	7.25	162	118805	33.63	ng		94
30) 1,2,4-Trichlorobenzene	7.31	180	233737	64.24	ng		98
31) Naphthalene	7.42	128	1691582	132.24	ng		99
32) Benzoic acid	7.26	122	9106544m	3620.88	ng		
33) 4-Chloroaniline	7.52	127	248747	47.98	ng		95
34) Hexachlorobutadiene	7.55	225	127606	68.39	ng		97
37) 2-Methylnaphthalene	8.26	142	2767494	324.54	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.45	216	205977	50.68	ng	#	97
40) Hexachlorocyclopentadiene	8.42	237	10943	5.75	ng		99
42) 2,4,6-Trichlorophenol	8.59	196	142871	49.68	ng		96
43) 2,4,5-Trichlorophenol	8.66	196	120977	38.88	ng	#	69
45) 1,1'-Biphenyl	8.80	154	696463	58.11	ng		98
46) 2-Chloronaphthalene	8.82	162	320873m	34.20	ng		
47) 2-Nitroaniline	8.96	65	154665	55.58	ng	#	70
48) Acenaphthylene	9.33	152	667249	42.80	ng	#	92
49) Dimethylphthalate	9.18	163	663550	62.83	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
50) 2,6-Dinitrotoluene	9.26	165	107767	44.51	ng	#	78
51) Acenaphthene	9.54	154	467209	51.35	ng		98
52) 3-Nitroaniline	9.45	138	75346	26.50	ng	#	96
53) 2,4-Dinitrophenol	9.61	184	8340	10.72	ng	#	71
54) Dibenzofuran	9.76	168	647155	52.26	ng	#	90
55) 4-Nitrophenol	9.73	139	159583	71.67	ng	#	50
56) 2,4-Dinitrotoluene	9.76	165	160975	52.93	ng	#	84
57) Fluorene	10.17	166	586562	57.11	ng	#	94
58) 2,3,4,6-Tetrachlorophenol	9.93	232	87478	40.97	ng	#	79
59) Diethylphthalate	10.05	149	482977	46.27	ng		98
60) 4-Chlorophenyl-phenylether	10.18	204	180486	41.25	ng		99
61) 4-Nitroaniline	10.20	138	129965	47.64	ng		89
62) Azobenzene	10.37	77	400982	40.61	ng	#	77
65) n-Nitrosodiphenylamine	10.33	169	829437	86.65	ng	#	84
66) 4-Bromophenyl-phenylether	10.77	248	116989	42.98	ng		92
67) Hexachlorobenzene	10.86	284	110721	40.18	ng	#	87
68) Atrazine	11.00	200	105559	36.82	ng		95
69) Pentachlorophenol	11.11	266	109921	64.09	ng		99
70) Phenanthrene	11.35	178	1092576	70.96	ng		98
71) Anthracene	11.42	178	758793	47.86	ng		97
72) Carbazole	11.62	167	624418	38.41	ng		99
73) Di-n-butylphthalate	12.06	149	664987	39.33	ng		100
74) Fluoranthene	12.82	202	710081	45.04	ng		99
77) Pyrene	13.09	202	693505	39.89	ng		99
79) Butylbenzylphthalate	13.91	149	299913	40.48	ng	#	79
80) Benzo(a)anthracene	14.57	228	583905	41.79	ng		99
81) 3,3'-Dichlorobenzidine	14.55	252	44493	8.91	ng		100
82) Chrysene	14.62	228	515607	39.77	ng		98
83) Bis(2-ethylhexyl)phthalate	14.64	149	429128	42.46	ng	#	95
84) Di-n-octyl phthalate	15.37	149	739080	43.77	ng		99
85) Indeno(1,2,3-cd)pyrene	17.52	276	446127	39.73	ng		98
87) Benzo(b)fluoranthene	15.80	252	503794	41.31	ng		98
88) Benzo(k)fluoranthene	15.83	252	470065	39.39	ng		96
89) Benzo(a)pyrene	16.14	252	456044	40.60	ng		99
90) Dibenzo(a,h)anthracene	17.54	278	369841	38.88	ng		97
91) Benzo(g,h,i)perylene	17.91	276	364409	38.01	ng		97

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

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