Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
Data File : BF095987.D
Acq On : 17 Jun 2017 9:17
Operator : SJ/MA
Sample : I3688-13MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MS

Manual Integrations APPROVED
mohammad
6/19/2017 3:47:55 PM

Quant Time: Jun 19 01:34:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 17:12:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	62106	20.00	ng		0.00
21) Naphthalene-d8	9.35	136	255932	20.00	ng		0.00
38) Acenaphthene-d10	12.17	164	111361	20.00	ng		0.00
63) Phenanthrene-d10	14.56	188	172464	20.00	ng		0.00
75) Chrysene-d12	18.29	240	121621	20.00	ng		-0.01
86) Perylene-d12	19.96	264	116278	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	559144	143.46	ng		0.00
7) Phenol-d6	6.90	99	672784	144.19	ng		0.00
23) Nitrobenzene-d5	8.25	82	407797	98.96	ng		0.00
41) 2,4,6-Tribromophenol	13.47	330	125113	126.98	ng		0.00
44) 2-Fluorobiphenyl	11.13	172	748035	93.48	ng		0.00
78) Terphenyl-d14	16.94	244	462756	94.43	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.69	88	72512	39.11	ng		91
3) Pyridine	2.23	79	165393	37.95	ng		99
4) n-Nitrosodimethylamine	2.20	42	76799	46.36	ng	#	79
6) Aniline	6.83	93	200907	32.91	ng		93
8) 2-Chlorophenol	7.01	128	207929	50.17	ng		95
9) Benzaldehyde	6.65	77	58833	18.69	ng		92
10) Phenol	6.92	94	254959	52.67	ng		91
11) bis(2-Chloroethyl)ether	6.97	93	185480	48.37	ng		95
12) 1,3-Dichlorobenzene	7.22	146	215620	45.97	ng		97
13) 1,4-Dichlorobenzene	7.35	146	219836	46.21	ng		96
14) 1,2-Dichlorobenzene	7.58	146	209825	47.85	ng		95
15) Benzyl Alcohol	7.63	79	161201	50.33	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.82	45	253745	47.10	ng		97
17) 2-Methylphenol	7.87	107	168713	48.51	ng		97
18) Hexachloroethane	8.09	117	72003	45.83	ng	#	87
19) n-Nitroso-di-n-propylamine	8.06	70	140177	47.41	ng		93
20) 3+4-Methylphenols	8.14	107	214519	48.59	ng	#	58
22) Acetophenone	8.02	105	285070	47.59	ng	#	83
24) Nitrobenzene	8.27	77	199962	45.42	ng		90
25) Isophorone	8.67	82	352206	45.77	ng		98
26) 2-Nitrophenol	8.79	139	111668	48.44	ng		97
27) 2,4-Dimethylphenol	8.95	122	176456	49.33	ng		97
28) bis(2-Chloroethoxy)methane	9.06	93	232954	45.93	ng		99
29) 2,4-Dichlorophenol	9.23	162	159694	46.35	ng		99
30) 1,2,4-Trichlorobenzene	9.29	180	166212	46.36	ng		98
31) Naphthalene	9.39	128	597701	46.53	ng		99
32) Benzoic acid	9.26	122	16008m	11.51	ng		
33) 4-Chloroaniline	9.55	127	130043	25.90	ng	#	91
34) Hexachlorobutadiene	9.60	225	82153	44.35	ng		97
35) Caprolactam	10.17	113	51363m	50.10	ng		
36) 4-Chloro-3-methylphenol	10.43	107	175099	48.55	ng		90
37) 2-Methylnaphthalene	10.52	142	400596	46.16	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.79	216	152846	45.86	ng		99
40) Hexachlorocyclopentadiene	10.76	237	22292	29.58	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.03	196	104128	48.59	ng		99
43) 2,4,5-Trichlorophenol	11.13	196	98123	43.05	ng		95
45) 1,1'-Biphenyl	11.28	154	434357	47.32	ng		98
46) 2-Chloronaphthalene	11.29	162	332641	46.38	ng		94
47) 2-Nitroaniline	11.52	65	97621	46.52	ng	#	82
48) Acenaphthylene	11.94	152	514620	41.97	ng		100
49) Dimethylphthalate	11.84	163	487560	57.66	ng		98
50) 2,6-Dinitrotoluene	11.94	165	82891	44.95	ng	#	75
51) Acenaphthene	12.23	154	318192	44.93	ng		99
52) 3-Nitroaniline	12.20	138	68947	32.09	ng		99
53) 2,4-Dinitrophenol	12.45	184	33933m	36.34	ng		
54) Dibenzofuran	12.52	168	480856	48.24	ng		98
55) 4-Nitrophenol	12.64	139	87201	70.11	ng	#	76
56) 2,4-Dinitrotoluene	12.61	165	114168	45.83	ng	#	90
57) Fluorene	13.07	166	373537	43.06	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.77	232	69455	44.54	ng	#	97
59) Diethylphthalate	12.98	149	379387	46.62	ng		99
60) 4-Chlorophenyl-phenylether	13.09	204	167985	44.53	ng		90
61) 4-Nitroaniline	13.20	138	77048	38.40	ng		96
62) Azobenzene	13.35	77	343810	46.62	ng		94
64) 4,6-Dinitro-2-methylphenol	13.29	198	29323	25.87	ng	#	58
65) n-Nitrosodiphenylamine	13.31	169	316336	51.05	ng		98
66) 4-Bromophenyl-phenylether	13.87	248	90818	50.67	ng		95
67) Hexachlorobenzene	13.96	284	85421	48.36	ng	#	87
68) Atrazine	14.23	200	91449	53.02	ng		95
69) Pentachlorophenol	14.33	266	42563	64.91	ng		98
70) Phenanthrene	14.60	178	570983	57.38	ng		98
71) Anthracene	14.69	178	493869	47.54	ng		97
72) Carbazole	14.99	167	431758	42.65	ng		98
73) Di-n-butylphthalate	15.58	149	551116	51.17	ng		98
74) Fluoranthene	16.39	202	542913	55.12	ng		98
76) Benzidine	16.62	184	156327	33.47	ng	#	91
77) Pyrene	16.69	202	530529	58.46	ng		99
79) Butylbenzylphthalate	17.61	149	183698	46.35	ng	#	84
80) Benzo(a)anthracene	18.28	228	373629	52.84	ng		98
81) 3,3'-Dichlorobenzidine	18.26	252	110027	43.77	ng	#	95
82) Chrysene	18.32	228	367275	51.97	ng		99
83) Bis(2-ethylhexyl)phthalate	18.36	149	248578	44.46	ng	#	99
84) Di-n-octyl phthalate	19.13	149	421152	45.72	ng		96
85) Indeno(1,2,3-cd)pyrene	21.11	276	295803	48.92	ng		98
87) Benzo(b)fluoranthene	19.55	252	402939	55.34	ng		98
88) Benzo(k)fluoranthene	19.58	252	322870	46.39	ng		96
89) Benzo(a)pyrene	19.90	252	349395	52.21	ng		99
90) Dibenzo(a,h)anthracene	21.11	278	243803	42.95	ng		98
91) Benzo(g,h,i)perylene	21.44	276	243442	42.07	ng		98

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

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