Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
Data File : BF095988.D
Acq On : 17 Jun 2017 9:49
Operator : SJ/MA
Sample : I3688-13MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MSD

Manual Integrations APPROVED
mohammad
6/19/2017 3:47:58 PM

Quant Time: Jun 19 01:38:25 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	63834	20.00	ng		0.00
21) Naphthalene-d8	9.35	136	261803	20.00	ng		0.00
38) Acenaphthene-d10	12.17	164	112593	20.00	ng		0.00
63) Phenanthrene-d10	14.56	188	170251	20.00	ng		0.00
75) Chrysene-d12	18.29	240	122420	20.00	ng		-0.01
86) Perylene-d12	19.96	264	118218	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	628178	156.81	ng		0.01
7) Phenol-d6	6.90	99	731425	152.51	ng		0.00
23) Nitrobenzene-d5	8.25	82	433144	102.75	ng		0.00
41) 2,4,6-Tribromophenol	13.47	330	132852	133.36	ng		0.00
44) 2-Fluorobiphenyl	11.13	172	801262	99.03	ng		0.00
78) Terphenyl-d14	16.94	244	468501	94.98	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.70	88	73177	38.40	ng		93
3) Pyridine	2.25	79	155656m	34.75	ng		
4) n-Nitrosodimethylamine	2.21	42	77451	45.48	ng		81
6) Aniline	6.83	93	134937	21.51	ng		95
8) 2-Chlorophenol	7.01	128	211486	49.65	ng		97
9) Benzaldehyde	6.65	77	60368	18.66	ng		97
10) Phenol	6.92	94	263657	53.00	ng		89
11) bis(2-Chloroethyl)ether	6.97	93	187439	47.56	ng		96
12) 1,3-Dichlorobenzene	7.22	146	219429	45.51	ng		99
13) 1,4-Dichlorobenzene	7.35	146	223480	45.71	ng		97
14) 1,2-Dichlorobenzene	7.58	146	214425	47.57	ng		97
15) Benzyl Alcohol	7.64	79	165124	50.16	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.82	45	262090	47.33	ng		97
17) 2-Methylphenol	7.87	107	172363	48.22	ng		96
18) Hexachloroethane	8.09	117	73311	45.40	ng	#	83
19) n-Nitroso-di-n-propylamine	8.06	70	145021	47.72	ng		93
20) 3+4-Methylphenols	8.15	107	218228	48.09	ng	#	58
22) Acetophenone	8.02	105	292423	47.72	ng	#	83
24) Nitrobenzene	8.27	77	208898	46.39	ng		94
25) Isophorone	8.68	82	364106	46.26	ng		96
26) 2-Nitrophenol	8.79	139	112631	47.77	ng		98
27) 2,4-Dimethylphenol	8.95	122	178427	48.76	ng		97
28) bis(2-Chloroethoxy)methane	9.06	93	241656	46.57	ng		97
29) 2,4-Dichlorophenol	9.23	162	162961	46.24	ng		99
30) 1,2,4-Trichlorobenzene	9.29	180	169484	46.22	ng		99
31) Naphthalene	9.39	128	595744	45.34	ng		100
32) Benzoic acid	9.26	122	13270	10.30	ng		96
33) 4-Chloroaniline	9.57	127	72577	14.13	ng		95
34) Hexachlorobutadiene	9.60	225	85376	45.06	ng		99
35) Caprolactam	10.17	113	48543m	46.29	ng		
36) 4-Chloro-3-methylphenol	10.43	107	177119	48.01	ng		88
37) 2-Methylnaphthalene	10.52	142	410464	46.24	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.80	216	156908	46.56	ng		98
40) Hexachlorocyclopentadiene	10.76	237	21943	29.10	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.03	196	105880	48.87	ng		98
43) 2,4,5-Trichlorophenol	11.13	196	98627	42.80	ng		96
45) 1,1'-Biphenyl	11.28	154	441537	47.58	ng		98
46) 2-Chloronaphthalene	11.30	162	341259	47.07	ng		96
47) 2-Nitroaniline	11.52	65	98800	46.56	ng	#	84
48) Acenaphthylene	11.94	152	518904	41.85	ng		99
49) Dimethylphthalate	11.84	163	498168	58.27	ng		99
50) 2,6-Dinitrotoluene	11.94	165	82828	44.42	ng	#	74
51) Acenaphthene	12.23	154	308953	43.15	ng		98
52) 3-Nitroaniline	12.21	138	60361	27.78	ng		90
53) 2,4-Dinitrophenol	12.46	184	29635m	32.27	ng		
54) Dibenzofuran	12.52	168	474913	47.12	ng		97
55) 4-Nitrophenol	12.63	139	86783	69.09	ng	#	74
56) 2,4-Dinitrotoluene	12.61	165	114213	45.35	ng	#	89
57) Fluorene	13.07	166	372788	42.51	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.77	232	68789	43.63	ng	#	97
59) Diethylphthalate	12.98	149	382997	46.55	ng		99
60) 4-Chlorophenyl-phenylether	13.09	204	171595	44.99	ng		89
61) 4-Nitroaniline	13.20	138	76711	37.82	ng		94
62) Azobenzene	13.35	77	345203	46.30	ng		95
64) 4,6-Dinitro-2-methylphenol	13.29	198	27043	24.17	ng	#	66
65) n-Nitrosodiphenylamine	13.31	169	318455	52.06	ng		97
66) 4-Bromophenyl-phenylether	13.87	248	89082	50.35	ng		97
67) Hexachlorobenzene	13.96	284	84700	48.58	ng	#	91
68) Atrazine	14.23	200	91853	53.95	ng		96
69) Pentachlorophenol	14.33	266	41313	63.94	ng		92
70) Phenanthrene	14.60	178	478255	48.69	ng		99
71) Anthracene	14.69	178	469171	45.75	ng		97
72) Carbazole	14.99	167	419999	42.02	ng		96
73) Di-n-butylphthalate	15.58	149	539539	50.74	ng		98
74) Fluoranthene	16.39	202	456398	46.94	ng		99
76) Benzidine	16.62	184	112250	23.87	ng	#	93
77) Pyrene	16.69	202	455849	49.90	ng		99
79) Butylbenzylphthalate	17.61	149	177453	44.48	ng		89
80) Benzo(a)anthracene	18.27	228	350150	49.20	ng		99
81) 3,3'-Dichlorobenzidine	18.26	252	102191	40.38	ng	#	97
82) Chrysene	18.32	228	343841	48.34	ng		98
83) Bis(2-ethylhexyl)phthalate	18.36	149	240920	42.81	ng	#	100
84) Di-n-octyl phthalate	19.13	149	410413	44.26	ng		95
85) Indeno(1,2,3-cd)pyrene	21.11	276	285859	46.97	ng		98
87) Benzo(b)fluoranthene	19.55	252	384961	52.00	ng		97
88) Benzo(k)fluoranthene	19.58	252	315487m	44.59	ng		
89) Benzo(a)pyrene	19.90	252	334174	49.12	ng		99
90) Dibenzo(a,h)anthracene	21.11	278	239008	41.41	ng		97
91) Benzo(g,h,i)perylene	21.44	276	233889	39.75	ng		98

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

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