Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
Data File : BF093052.D
Acq On : 21 Feb 2017 2:11
Operator : SJ/MA
Sample : I1913-01MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMSD

Manual Integrations APPROVED
mohammad
2/21/2017 3:57:47 PM

Quant Time: Feb 21 03:13:03 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	150249	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	580674	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	273529	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	431423	20.00	ng		0.00
75) Chrysene-d12	14.01	240	303265	20.00	ng		-0.01
86) Perylene-d12	15.44	264	305641	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1066932	121.83	ng		0.00
7) Phenol-d6	6.50	99	1487213	131.98	ng		0.01
23) Nitrobenzene-d5	7.42	82	921504	88.37	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	232073	117.31	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1489110	98.63	ng		0.00
78) Terphenyl-d14	12.96	244	989757	76.69	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	166139	35.11	ng	#	84
3) Pyridine	3.18	79	413215	34.34	ng		89
4) n-Nitrosodimethylamine	3.14	42	232806	41.20	ng		90
6) Aniline	6.51	93	382280	24.87	ng		99
8) 2-Chlorophenol	6.64	128	433018	44.82	ng		95
9) Benzaldehyde	6.40	77	81460	10.09	ng		95
10) Phenol	6.51	94	591341	44.85	ng		85
11) bis(2-Chloroethyl)ether	6.59	93	459078	43.63	ng		97
12) 1,3-Dichlorobenzene	6.78	146	468137m	41.37	ng		
13) 1,4-Dichlorobenzene	6.86	146	486141	42.45	ng		96
14) 1,2-Dichlorobenzene	7.02	146	428319m	39.11	ng		
15) Benzyl Alcohol	7.00	79	359971	43.15	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	744283	40.71	ng		98
17) 2-Methylphenol	7.12	107	365124	44.05	ng		97
18) Hexachloroethane	7.36	117	156586	40.05	ng	#	89
19) n-Nitroso-di-n-propylamine	7.26	70	296343	41.31	ng		93
20) 3+4-Methylphenols	7.28	107	438559	44.25	ng	#	77
22) Acetophenone	7.26	105	571065	43.07	ng	#	95
24) Nitrobenzene	7.44	77	436745	40.79	ng		98
25) Isophorone	7.68	82	830029	42.72	ng		95
26) 2-Nitrophenol	7.76	139	242097	47.57	ng		95
27) 2,4-Dimethylphenol	7.80	122	419740	46.96	ng		95
28) bis(2-Chloroethoxy)methane	7.89	93	570219	44.31	ng		100
29) 2,4-Dichlorophenol	8.01	162	349434	41.92	ng		100
30) 1,2,4-Trichlorobenzene	8.08	180	369412	41.12	ng	#	93
31) Naphthalene	8.16	128	1169359	39.73	ng		99
32) Benzoic acid	7.90	122	111129	25.83	ng		97
33) 4-Chloroaniline	8.21	127	167027	14.47	ng		97
34) Hexachlorobutadiene	8.28	225	202251	40.92	ng		98
35) Caprolactam	8.59	113	112449	42.88	ng	#	80
36) 4-Chloro-3-methylphenol	8.70	107	351693	40.46	ng		97
37) 2-Methylnaphthalene	8.85	142	796090	42.12	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	343645	44.76	ng		99
40) Hexachlorocyclopentadiene	9.00	237	230057	66.41	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	259146	51.36	ng		95
43) 2,4,5-Trichlorophenol	9.18	196	247555	44.78	ng	#	84
45) 1,1'-Biphenyl	9.32	154	937430	47.33	ng		99
46) 2-Chloronaphthalene	9.34	162	763839	49.30	ng		97
47) 2-Nitroaniline	9.45	65	242542	46.56	ng	#	69
48) Acenaphthylene	9.76	152	1123430	41.97	ng		99
49) Dimethylphthalate	9.62	163	1200594	65.17	ng		99
50) 2,6-Dinitrotoluene	9.69	165	201760	50.71	ng		96
51) Acenaphthene	9.93	154	676933	42.30	ng		96
52) 3-Nitroaniline	9.85	138	123155	27.05	ng		90
53) 2,4-Dinitrophenol	9.96	184	142522	70.98	ng	#	63
54) Dibenzofuran	10.10	168	958103	44.76	ng		95
55) 4-Nitrophenol	10.03	139	286245	87.28	ng	#	76
56) 2,4-Dinitrotoluene	10.09	165	217098	40.98	ng		95
57) Fluorene	10.44	166	763244	46.35	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	178407	48.38	ng		93
59) Diethylphthalate	10.32	149	788449	45.41	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	327166	41.36	ng		92
61) 4-Nitroaniline	10.46	138	171318	36.73	ng		93
62) Azobenzene	10.59	77	862181	48.06	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	129745	49.33	ng		92
65) n-Nitrosodiphenylamine	10.56	169	690096	50.07	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	203544	45.16	ng	#	88
67) Hexachlorobenzene	10.99	284	189781	42.61	ng	#	91
68) Atrazine	11.08	200	207374	46.89	ng		96
69) Pentachlorophenol	11.18	266	194777	84.29	ng		97
70) Phenanthrene	11.40	178	1086856	43.97	ng		98
71) Anthracene	11.45	178	972092	39.16	ng		99
72) Carbazole	11.61	167	894966	37.72	ng		99
73) Di-n-butylphthalate	11.94	149	1166044	45.44	ng	#	96
74) Fluoranthene	12.58	202	894255	35.08	ng		97
76) Benzidine	12.70	184	255785	19.79	ng		97
77) Pyrene	12.81	202	855760	37.71	ng		99
79) Butylbenzylphthalate	13.42	149	362308	39.31	ng		100
80) Benzo(a)anthracene	14.00	228	719192	38.77	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	188851	28.56	ng	#	96
82) Chrysene	14.03	228	577016	33.23	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	524077	41.58	ng		98
84) Di-n-octyl phthalate	14.59	149	883765	43.06	ng		100
85) Indeno(1,2,3-cd)pyrene	16.84	276	865860	64.37	ng		95
87) Benzo(b)fluoranthene	15.03	252	712911m	35.44	ng		
88) Benzo(k)fluoranthene	15.06	252	706788m	40.69	ng		
89) Benzo(a)pyrene	15.38	252	713140	40.98	ng		99
90) Dibenzo(a,h)anthracene	16.85	278	701329	49.87	ng	#	95
91) Benzo(g,h,i)perylene	17.27	276	750104	52.80	ng	#	90

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

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