Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093882.D
Acq On : 23 Mar 2017 16:48
Operator : SJ/MA
Sample : I2362-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0666MS

Manual Integrations APPROVED
mohammad
3/24/2017 4:10:44 PM

Quant Time: Mar 24 02:09:18 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 02:02:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.97	152	167307	20.00	ng		-0.01
21) Naphthalene-d8	7.48	136	674213	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	304821	20.00	ng		-0.01
63) Phenanthrene-d10	11.45	188	525850	20.00	ng		-0.01
75) Chrysene-d12	14.70	240	315043	20.00	ng		-0.01
86) Perylene-d12	16.34	264	274011	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.50	112	636248	64.23	ng		0.00
7) Phenol-d6	5.56	99	499222	40.74	ng		-0.01
23) Nitrobenzene-d5	6.63	82	1087681	92.07	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	341373	141.72	ng		0.00
44) 2-Fluorobiphenyl	8.81	172	1868914	93.52	ng		-0.01
78) Terphenyl-d14	13.43	244	1416069	100.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	78509	16.50	ng		99
3) Pyridine	2.88	79	114323	8.81	ng		98
4) n-Nitrosodimethylamine	2.81	42	97224	18.22	ng	#	90
6) Aniline	5.59	93	362686	21.28	ng		96
8) 2-Chlorophenol	5.73	128	411077	37.76	ng		98
9) Benzaldehyde	5.46	77	163908	19.81	ng		95
10) Phenol	5.57	94	234929	16.85	ng		89
11) bis(2-Chloroethyl)ether	5.67	93	490188	44.98	ng		99
12) 1,3-Dichlorobenzene	5.91	146	477937	39.13	ng		99
13) 1,4-Dichlorobenzene	5.99	146	485513	39.25	ng		96
14) 1,2-Dichlorobenzene	6.17	146	456388	40.06	ng		96
15) Benzyl Alcohol	6.13	79	280365	31.26	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.30	45	706062	42.05	ng		98
17) 2-Methylphenol	6.27	107	278333	29.85	ng		98
18) Hexachloroethane	6.57	117	165903	38.16	ng	#	84
19) n-Nitroso-di-n-propylamine	6.46	70	361999	45.96	ng		99
20) 3+4-Methylphenols	6.45	107	291748	25.83	ng	#	86
22) Acetophenone	6.45	105	692892	46.11	ng	#	91
24) Nitrobenzene	6.65	77	532052	45.66	ng		97
25) Isophorone	6.94	82	973210	46.88	ng		95
26) 2-Nitrophenol	7.02	139	269052	48.42	ng		95
27) 2,4-Dimethylphenol	7.08	122	396789	41.44	ng		98
28) bis(2-Chloroethoxy)methane	7.20	93	615487	44.96	ng		99
29) 2,4-Dichlorophenol	7.31	162	396816	44.33	ng		98
30) 1,2,4-Trichlorobenzene	7.42	180	388862	42.18	ng		98
31) Naphthalene	7.51	128	1356605	41.85	ng		100
32) Benzoic acid	7.19	122	66489	10.43	ng		98
33) 4-Chloroaniline	7.57	127	435590	33.15	ng		94
34) Hexachlorobutadiene	7.66	225	185284	39.19	ng		97
35) Caprolactam	8.02	113	19081m	6.68	ng		
36) 4-Chloro-3-methylphenol	8.16	107	382612	40.90	ng		89
37) 2-Methylnaphthalene	8.35	142	968564	44.82	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	352293	42.25	ng		98
40) Hexachlorocyclopentadiene	8.55	237	306361	78.51	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	280137	47.48	ng		99
43) 2,4,5-Trichlorophenol	8.74	196	280000m	43.86	ng		
45) 1,1'-Biphenyl	8.93	154	1097732	44.65	ng		98
46) 2-Chloronaphthalene	8.95	162	868816	45.14	ng		93
47) 2-Nitroaniline	9.07	65	280617	49.15	ng		87
48) Acenaphthylene	9.46	152	1401799	43.82	ng		99
49) Dimethylphthalate	9.32	163	1054501	48.67	ng		100
50) 2,6-Dinitrotoluene	9.37	165	240182	48.35	ng	#	87
51) Acenaphthene	9.67	154	835254	44.75	ng		99
52) 3-Nitroaniline	9.57	138	199853	34.26	ng		92
53) 2,4-Dinitrophenol	9.70	184	158291	60.74	ng	#	73
54) Dibenzofuran	9.88	168	1243040	48.92	ng		99
55) 4-Nitrophenol	9.79	139	134575	29.46	ng	#	70
56) 2,4-Dinitrotoluene	9.87	165	308083	49.38	ng	#	82
57) Fluorene	10.30	166	913294	43.35	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	207362	47.34	ng		98
59) Diethylphthalate	10.19	149	1051180	49.08	ng		99
60) 4-Chlorophenyl-phenylether	10.31	204	392145	43.69	ng		93
61) 4-Nitroaniline	10.33	138	218232	38.99	ng		95
62) Azobenzene	10.50	77	995530	49.14	ng		97
64) 4,6-Dinitro-2-methylphenol	10.37	198	120366	37.38	ng	#	77
65) n-Nitrosodiphenylamine	10.46	169	845721	46.51	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	248185	47.99	ng		96
67) Hexachlorobenzene	10.98	284	249620	47.68	ng	#	85
68) Atrazine	11.13	200	252157	46.29	ng		97
69) Pentachlorophenol	11.22	266	244679	75.09	ng		96
70) Phenanthrene	11.49	178	1346471	46.03	ng		99
71) Anthracene	11.55	178	1382609	45.91	ng		99
72) Carbazole	11.75	167	1257383	40.71	ng		98
73) Di-n-butylphthalate	12.20	149	1544088	48.07	ng		100
74) Fluoranthene	12.94	202	1294042	43.20	ng		99
77) Pyrene	13.22	202	1283788	56.15	ng		98
79) Butylbenzylphthalate	14.04	149	554884	56.96	ng	#	84
80) Benzo(a)anthracene	14.69	228	868513	47.28	ng		99
81) 3,3'-Dichlorobenzidine	14.66	252	190462	29.01	ng		98
82) Chrysene	14.74	228	780356	45.77	ng		100
83) Bis(2-ethylhexyl)phthalate	14.76	149	717656	54.00	ng	#	100
84) Di-n-octyl phthalate	15.51	149	1050944	47.33	ng		98
85) Indeno(1,2,3-cd)pyrene	17.74	276	892494	60.45	ng		98
87) Benzo(b)fluoranthene	15.93	252	779981	46.44	ng		98
88) Benzo(k)fluoranthene	15.96	252	673854	41.00	ng		97
89) Benzo(a)pyrene	16.28	252	721634	46.66	ng		97
90) Dibenzo(a,h)anthracene	17.76	278	735340	56.14	ng		98
91) Benzo(g,h,i)perylene	18.16	276	768776	58.24	ng		97

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

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