Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093883.D
Acq On : 23 Mar 2017 17:15
Operator : SJ/MA
Sample : I2362-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0666MSD

Manual Integrations APPROVED
mohammad
3/24/2017 4:10:46 PM

Quant Time: Mar 24 08:52:24 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	165156	20.00	ng		-0.01
21) Naphthalene-d8	7.48	136	663274	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	298260	20.00	ng		-0.01
63) Phenanthrene-d10	11.45	188	510671	20.00	ng		-0.01
75) Chrysene-d12	14.70	240	311691	20.00	ng		-0.01
86) Perylene-d12	16.34	264	264544	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.50	112	702200	71.81	ng		0.00
7) Phenol-d6	5.56	99	573715	47.43	ng		-0.01
23) Nitrobenzene-d5	6.63	82	1073025	92.32	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	358833	152.25	ng		0.00
44) 2-Fluorobiphenyl	8.81	172	1875518	95.91	ng		-0.01
78) Terphenyl-d14	13.43	244	1449982	104.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	80684	17.18	ng		99
3) Pyridine	2.87	79	127785	9.98	ng		100
4) n-Nitrosodimethylamine	2.80	42	100726	19.12	ng		94
6) Aniline	5.59	93	184894	10.99	ng		96
8) 2-Chlorophenol	5.73	128	416969	38.80	ng		97
9) Benzaldehyde	5.46	77	152487	18.67	ng		99
10) Phenol	5.57	94	225172	16.36	ng		88
11) bis(2-Chloroethyl)ether	5.67	93	466569	43.37	ng		99
12) 1,3-Dichlorobenzene	5.91	146	475321	39.43	ng		99
13) 1,4-Dichlorobenzene	5.99	146	481782	39.46	ng		96
14) 1,2-Dichlorobenzene	6.17	146	450589	40.07	ng		98
15) Benzyl Alcohol	6.13	79	288236	32.55	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.30	45	691139	41.69	ng		99
17) 2-Methylphenol	6.27	107	292767	31.81	ng		98
18) Hexachloroethane	6.57	117	165157	38.48	ng	#	86
19) n-Nitroso-di-n-propylamine	6.46	70	357689	46.01	ng		98
20) 3+4-Methylphenols	6.45	107	314269	28.19	ng		94
22) Acetophenone	6.45	105	678214	45.88	ng		92
24) Nitrobenzene	6.65	77	514250	44.86	ng		96
25) Isophorone	6.93	82	954082	46.72	ng		97
26) 2-Nitrophenol	7.02	139	272727	49.89	ng		96
27) 2,4-Dimethylphenol	7.08	122	404055	42.90	ng		98
28) bis(2-Chloroethoxy)methane	7.20	93	613851	45.58	ng		100
29) 2,4-Dichlorophenol	7.31	162	401592	45.60	ng		98
30) 1,2,4-Trichlorobenzene	7.42	180	387232	42.69	ng		99
31) Naphthalene	7.51	128	1352226	42.40	ng		100
32) Benzoic acid	7.17	122	82054	13.09	ng		97
33) 4-Chloroaniline	7.56	127	104108	8.05	ng		94
34) Hexachlorobutadiene	7.66	225	188519	40.53	ng		98
35) Caprolactam	8.00	113	20526m	7.31	ng		
36) 4-Chloro-3-methylphenol	8.16	107	397339	43.18	ng		89
37) 2-Methylnaphthalene	8.35	142	961960	45.25	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	349759	42.87	ng		99
40) Hexachlorocyclopentadiene	8.55	237	303665	79.53	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	286301	49.60	ng		99
43) 2,4,5-Trichlorophenol	8.74	196	279118	44.69	ng		94
45) 1,1'-Biphenyl	8.93	154	1085202	45.11	ng		98
46) 2-Chloronaphthalene	8.95	162	862721	45.81	ng		95
47) 2-Nitroaniline	9.07	65	265985	47.61	ng	#	81
48) Acenaphthylene	9.46	152	1399698	44.72	ng		99
49) Dimethylphthalate	9.32	163	1041743	49.14	ng		100
50) 2,6-Dinitrotoluene	9.37	165	238036	48.98	ng	#	89
51) Acenaphthene	9.67	154	829375	45.41	ng		99
52) 3-Nitroaniline	9.57	138	90408	15.84	ng		94
53) 2,4-Dinitrophenol	9.70	184	173901	67.63	ng	#	74
54) Dibenzofuran	9.88	168	1219124	49.04	ng		98
55) 4-Nitrophenol	9.79	139	151459	33.89	ng	#	74
56) 2,4-Dinitrotoluene	9.87	165	304711	49.91	ng	#	79
57) Fluorene	10.30	166	900252	43.67	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	211581	49.37	ng		98
59) Diethylphthalate	10.19	149	1009550	48.18	ng		98
60) 4-Chlorophenyl-phenylether	10.31	204	387233	44.09	ng		92
61) 4-Nitroaniline	10.33	138	217541	39.72	ng		94
62) Azobenzene	10.50	77	996523	50.27	ng		97
64) 4,6-Dinitro-2-methylphenol	10.37	198	129794	41.50	ng	#	75
65) n-Nitrosodiphenylamine	10.46	169	843831	47.78	ng		98
66) 4-Bromophenyl-phenylether	10.91	248	242917	48.37	ng		99
67) Hexachlorobenzene	10.98	284	249643	49.10	ng	#	87
68) Atrazine	11.13	200	245677	46.45	ng		97
69) Pentachlorophenol	11.22	266	252806	79.89	ng		100
70) Phenanthrene	11.49	178	1320209	46.47	ng		98
71) Anthracene	11.55	178	1366792	46.73	ng		99
72) Carbazole	11.74	167	1246561	41.56	ng		99
73) Di-n-butylphthalate	12.20	149	1532925	49.15	ng		99
74) Fluoranthene	12.94	202	1283629	44.13	ng		99
77) Pyrene	13.22	202	1265044	55.92	ng		100
79) Butylbenzylphthalate	14.04	149	552069	57.28	ng	#	84
80) Benzo(a)anthracene	14.69	228	858671	47.24	ng		99
81) 3,3'-Dichlorobenzidine	14.66	252	183429	28.23	ng	#	97
82) Chrysene	14.74	228	761422	45.14	ng		99
83) Bis(2-ethylhexyl)phthalate	14.76	149	702132	53.40	ng	#	99
84) Di-n-octyl phthalate	15.51	149	1024748	46.65	ng		98
85) Indeno(1,2,3-cd)pyrene	17.74	276	873903	59.82	ng		98
87) Benzo(b)fluoranthene	15.93	252	713813	44.02	ng		97
88) Benzo(k)fluoranthene	15.96	252	725618	45.73	ng		97
89) Benzo(a)pyrene	16.28	252	716929	48.01	ng		98
90) Dibenzo(a,h)anthracene	17.76	278	724993	57.33	ng		98
91) Benzo(g,h,i)perylene	18.15	276	755776	59.30	ng		99

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

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