Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
Data File : BF093748.D
Acq On : 18 Mar 2017 12:38
Operator : SJ/MA
Sample : I2263-07MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-102SMSD

Manual Integrations APPROVED

Quant Time: Mar 20 01:42:09 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 05:21:29 2017
Response via : Initial Calibration

3/20/2017 1:00:50 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	204899	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	835262	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	389617	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	670579	20.00	ng		0.00
75) Chrysene-d12	14.00	240	431158	20.00	ng		0.00
86) Perylene-d12	15.41	264	442957	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	728136	59.25	ng		0.00
7) Phenol-d6	6.47	99	598212	39.27	ng		-0.01
23) Nitrobenzene-d5	7.41	82	1337287	96.09	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	410894	161.14	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1988593	96.31	ng		0.00
78) Terphenyl-d14	12.95	244	1658649	82.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	101913	16.06	ng		99
3) Pyridine	3.20	79	251006	14.46	ng		97
4) n-Nitrosodimethylamine	3.12	42	131400	17.30	ng		97
6) Aniline	6.50	93	604248	27.75	ng		96
8) 2-Chlorophenol	6.63	128	515298	37.71	ng		99
9) Benzaldehyde	6.39	77	354848	43.92	ng		95
10) Phenol	6.48	94	277764	15.60	ng		98
11) bis(2-Chloroethyl)ether	6.58	93	651999	46.45	ng		95
12) 1,3-Dichlorobenzene	6.79	146	619006	40.89	ng		99
13) 1,4-Dichlorobenzene	6.87	146	626143	40.39	ng		99
14) 1,2-Dichlorobenzene	7.02	146	559943	38.63	ng		98
15) Benzyl Alcohol	6.98	79	336082	29.47	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	902555	40.79	ng		100
17) 2-Methylphenol	7.11	107	373916	31.61	ng		95
18) Hexachloroethane	7.36	117	214821	39.00	ng	#	74
19) n-Nitroso-di-n-propylamine	7.27	70	481235	47.58	ng		98
20) 3+4-Methylphenols	7.26	107	374088	26.68	ng	#	79
22) Acetophenone	7.26	105	807419	43.39	ng	#	94
24) Nitrobenzene	7.43	77	671190	44.61	ng		99
25) Isophorone	7.67	82	1252462	46.75	ng		99
26) 2-Nitrophenol	7.75	139	350835	61.59	ng		99
27) 2,4-Dimethylphenol	7.78	122	540599	41.47	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	809142	47.85	ng		99
29) 2,4-Dichlorophenol	7.99	162	518375	46.29	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	523834	44.88	ng		98
31) Naphthalene	8.16	128	1739944	42.73	ng		99
32) Benzoic acid	7.86	122	99668	15.23	ng		96
33) 4-Chloroaniline	8.20	127	645744	37.86	ng		98
34) Hexachlorobutadiene	8.29	225	259224	42.40	ng		100
35) Caprolactam	8.56	113	26399m	7.02	ng		
36) 4-Chloro-3-methylphenol	8.68	107	490907	41.63	ng		86
37) 2-Methylnaphthalene	8.85	142	1190487	45.13	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	452664	49.62	ng		99
40) Hexachlorocyclopentadiene	9.01	237	392099	86.03	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	358553	53.30	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	361826m	52.17	ng		
45) 1,1'-Biphenyl	9.32	154	1450757	53.10	ng		99
46) 2-Chloronaphthalene	9.34	162	1129265	51.52	ng		99
47) 2-Nitroaniline	9.42	65	328998	51.87	ng		98
48) Acenaphthylene	9.75	152	1810066	50.63	ng		100
49) Dimethylphthalate	9.61	163	1241939	48.80	ng		99
50) 2,6-Dinitrotoluene	9.67	165	324446	59.02	ng		91
51) Acenaphthene	9.92	154	1176560	55.85	ng		98
52) 3-Nitroaniline	9.83	138	287041	44.01	ng		100
53) 2,4-Dinitrophenol	9.94	184	274103	101.57	ng	#	51
54) Dibenzofuran	10.09	168	1539383	53.75	ng		98
55) 4-Nitrophenol	9.99	139	218439	44.40	ng		95
56) 2,4-Dinitrotoluene	10.07	165	422904	57.80	ng	#	86
57) Fluorene	10.44	166	1147179	49.38	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	288408	60.47	ng		100
59) Diethylphthalate	10.31	149	1301745	53.74	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	457053	46.70	ng		100
61) 4-Nitroaniline	10.45	138	320770	52.85	ng		93
62) Azobenzene	10.58	77	1342738	54.87	ng		99
64) 4,6-Dinitro-2-methylphenol	10.48	198	198651	54.89	ng	#	45
65) n-Nitrosodiphenylamine	10.55	169	1128544	49.85	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	304107	47.97	ng		98
67) Hexachlorobenzene	10.98	284	325463	49.12	ng		94
68) Atrazine	11.08	200	360810	55.35	ng		97
69) Pentachlorophenol	11.17	266	360460	94.96	ng		99
70) Phenanthrene	11.38	178	1698309	44.80	ng		99
71) Anthracene	11.44	178	1659855	44.74	ng		100
72) Carbazole	11.59	167	1519154	39.12	ng		100
73) Di-n-butylphthalate	11.93	149	1820765	45.87	ng		100
74) Fluoranthene	12.57	202	1733944	47.19	ng		100
76) Benzidine	12.69	184	970885	57.63	ng	#	94
77) Pyrene	12.80	202	1821852	49.69	ng		100
79) Butylbenzylphthalate	13.43	149	875167	56.18	ng		95
80) Benzo(a)anthracene	13.98	228	1339717	48.41	ng		100
81) 3,3'-Dichlorobenzidine	13.95	252	466753	48.08	ng		100
82) Chrysene	14.03	228	1366781	51.10	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	899930	52.55	ng		99
84) Di-n-octyl phthalate	14.60	149	1876994	59.45	ng		99
85) Indeno(1,2,3-cd)pyrene	16.78	276	1158969	51.17	ng		99
87) Benzo(b)fluoranthene	15.01	252	1287347	45.85	ng		98
88) Benzo(k)fluoranthene	15.04	252	1220260m	49.17	ng		
89) Benzo(a)pyrene	15.35	252	1134933	45.73	ng		98
90) Dibenzo(a,h)anthracene	16.80	278	966730	46.04	ng		97
91) Benzo(g,h,i)perylene	17.20	276	974665	45.65	ng		97

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

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