Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
Data File : BF093528.D
Acq On : 10 Mar 2017 18:05
Operator : SJ/MA
Sample : I2172-21MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D-38MS

Manual Integrations APPROVED
mohammad
3/13/2017 5:28:48 PM

Quant Time: Mar 11 03:46:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	185502	20.00	ng		-0.02
21) Naphthalene-d8	8.02	136	740048	20.00	ng		-0.03
38) Acenaphthene-d10	9.77	164	358190	20.00	ng		-0.03
63) Phenanthrene-d10	11.26	188	595938	20.00	ng		-0.02
75) Chrysene-d12	13.91	240	471820	20.00	ng		-0.01
86) Perylene-d12	15.31	264	247627	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1463307	131.29	ng		0.02
7) Phenol-d6	6.42	99	1823272	129.72	ng		0.01
23) Nitrobenzene-d5	7.32	82	1169667	87.69	ng		-0.02
41) 2,4,6-Tribromophenol	10.57	330	323633	138.68	ng		-0.02
44) 2-Fluorobiphenyl	9.10	172	1811079	94.05	ng		-0.03
78) Terphenyl-d14	12.85	244	1622485	89.41	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	241801	39.39	ng	#	70
3) Pyridine	3.13	79	371058m	23.71	ng		
4) n-Nitrosodimethylamine	3.03	42	343508	45.95	ng		86
6) Aniline	6.49	93	597682m	30.98	ng		
8) 2-Chlorophenol	6.55	128	535330	42.87	ng		96
9) Benzaldehyde	6.31	77	85362	7.13	ng		98
10) Phenol	6.44	94	677266	39.32	ng	#	71
11) bis(2-Chloroethyl)ether	6.49	93	555110	39.88	ng		98
12) 1,3-Dichlorobenzene	6.68	146	576227m	40.31	ng		
13) 1,4-Dichlorobenzene	6.76	146	574468	39.25	ng		99
14) 1,2-Dichlorobenzene	6.92	146	529353	40.85	ng		96
15) Benzyl Alcohol	6.92	79	276093	27.56	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.03	45	1012692	43.79	ng		99
17) 2-Methylphenol	7.04	107	451168	42.71	ng		97
18) Hexachloroethane	7.25	117	204427	41.42	ng		98
19) n-Nitroso-di-n-propylamine	7.17	70	416179	43.07	ng		92
20) 3+4-Methylphenols	7.20	107	613901	44.81	ng	#	72
22) Acetophenone	7.17	105	806269	45.27	ng	#	94
24) Nitrobenzene	7.34	77	672347	44.85	ng		97
25) Isophorone	7.58	82	1204285	44.77	ng		97
26) 2-Nitrophenol	7.66	139	307056	44.90	ng		87
27) 2,4-Dimethylphenol	7.72	122	484158	43.52	ng		93
28) bis(2-Chloroethoxy)methane	7.78	93	690077	40.64	ng		99
29) 2,4-Dichlorophenol	7.92	162	491204	46.93	ng		93
30) 1,2,4-Trichlorobenzene	7.97	180	465260	41.80	ng		94
31) Naphthalene	8.05	128	1530161	41.26	ng		99
32) Benzoic acid	7.88	122	243220	42.07	ng		93
34) Hexachlorobutadiene	8.16	225	254352	44.36	ng		99
35) Caprolactam	8.49	113	144330m	40.38	ng		
36) 4-Chloro-3-methylphenol	8.63	107	491074	43.96	ng		92
37) 2-Methylnaphthalene	8.73	142	1030915	43.69	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	452281	46.24	ng		99
40) Hexachlorocyclopentadiene	8.88	237	240031	94.65	ng		95
42) 2,4,6-Trichlorophenol	9.03	196	318146	52.06	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.10	196	261615	39.90	ng	#	89
45) 1,1'-Biphenyl	9.20	154	1189423	45.58	ng		96
46) 2-Chloronaphthalene	9.22	162	951973	47.66	ng		96
47) 2-Nitroaniline	9.34	65	313545	44.41	ng		89
48) Acenaphthylene	9.64	152	1501739	45.59	ng		99
49) Dimethylphthalate	9.51	163	1189696	50.10	ng		99
50) 2,6-Dinitrotoluene	9.58	165	244182	46.86	ng	#	53
51) Acenaphthene	9.81	154	888438	45.61	ng		96
52) 3-Nitroaniline	9.77	138	25991	4.15	ng	#	84
53) 2,4-Dinitrophenol	9.89	184	179318	75.57	ng	#	80
54) Dibenzofuran	9.98	168	1294842	53.11	ng		91
55) 4-Nitrophenol	9.97	139	162335m	53.39	ng		
56) 2,4-Dinitrotoluene	9.99	165	316114	49.38	ng	#	81
57) Fluorene	10.32	166	1010993	48.94	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	257600	55.67	ng		95
59) Diethylphthalate	10.21	149	1187786	52.34	ng		98
60) 4-Chlorophenyl-phenylether	10.32	204	473290	51.11	ng	#	74
61) 4-Nitroaniline	10.38	138	116434	18.19	ng		89
62) Azobenzene	10.48	77	1098080	42.58	ng		87
64) 4,6-Dinitro-2-methylphenol	10.40	198	142466	36.90	ng	#	42
65) n-Nitrosodiphenylamine	10.44	169	366449	18.42	ng		98
66) 4-Bromophenyl-phenylether	10.80	248	261177	41.44	ng		96
67) Hexachlorobenzene	10.87	284	263085	43.72	ng	#	79
68) Atrazine	10.97	200	66625	11.44	ng		95
69) Pentachlorophenol	11.09	266	184550	88.83	ng		98
70) Phenanthrene	11.28	178	1475626	43.38	ng		99
71) Anthracene	11.34	178	1442043	41.91	ng		99
72) Carbazole	11.50	167	586077	18.13	ng		99
73) Di-n-butylphthalate	11.82	149	1622728	43.39	ng		98
74) Fluoranthene	12.47	202	1484112	45.17	ng		97
77) Pyrene	12.70	202	1478681	43.09	ng		99
79) Butylbenzylphthalate	13.32	149	694693	48.09	ng		93
80) Benzo(a)anthracene	13.90	228	1273734	45.71	ng		99
82) Chrysene	13.93	228	1236344	47.96	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1007504	50.04	ng	#	96
84) Di-n-octyl phthalate	14.48	149	1640483	48.89	ng		98
85) Indeno(1,2,3-cd)pyrene	16.67	276	865866	40.13	ng	#	93
87) Benzo(b)fluoranthene	14.92	252	1151424m	76.35	ng		
88) Benzo(k)fluoranthene	14.94	252	1033606m	71.07	ng		
89) Benzo(a)pyrene	15.26	252	923345	66.99	ng		97
90) Dibenzo(a,h)anthracene	16.67	278	791463	69.41	ng	#	95
91) Benzo(g,h,i)perylene	17.08	276	732976	62.63	ng	#	92

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

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