Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061217\
Data File : BF095880.D
Acq On : 12 Jun 2017 19:34
Operator : SJ/MA
Sample : I3583-06MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-2342MSD

Manual Integrations APPROVED
mohammad
6/13/2017 4:10:32 PM

Quant Time: Jun 13 06:03:49 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	66097	20.00	ng		-0.05
21) Naphthalene-d8	9.38	136	278437	20.00	ng		-0.05
38) Acenaphthene-d10	12.20	164	133893	20.00	ng		-0.05
63) Phenanthrene-d10	14.60	188	241198	20.00	ng		-0.05
75) Chrysene-d12	18.32	240	182400	20.00	ng		-0.04
86) Perylene-d12	19.99	264	134898	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	646238	155.79	ng		0.00
7) Phenol-d6	6.93	99	712065	143.39	ng		-0.03
23) Nitrobenzene-d5	8.27	82	479251	106.90	ng		-0.05
41) 2,4,6-Tribromophenol	13.51	330	173410	146.38	ng		-0.04
44) 2-Fluorobiphenyl	11.16	172	950876	98.83	ng		-0.05
78) Terphenyl-d14	16.98	244	796072	108.31	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	1.88	88	86148	43.657	ng	#	82
3) Pyridine	2.49	79	171103m	36.893	ng		
4) n-Nitrosodimethylamine	2.34	42	80967m	45.921	ng		
6) Aniline	6.87	93	67146	10.335	ng		94
8) 2-Chlorophenol	7.05	128	239081	54.208	ng		95
9) Benzaldehyde	6.68	77	46664	13.931	ng		97
10) Phenol	6.94	94	272335	52.867	ng		94
11) bis(2-Chloroethyl)ether	7.00	93	216479	53.048	ng		98
12) 1,3-Dichlorobenzene	7.25	146	254106	50.901	ng		98
13) 1,4-Dichlorobenzene	7.37	146	256018	50.571	ng		97
14) 1,2-Dichlorobenzene	7.60	146	244789	52.450	ng		96
15) Benzyl Alcohol	7.66	79	193258	56.700	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.85	45	303615	52.955	ng		96
17) 2-Methylphenol	7.89	107	197593	53.385	ng		95
18) Hexachloroethane	8.12	117	87942	52.596	ng	#	86
19) n-Nitroso-di-n-propylamine	8.09	70	173103	55.005	ng		93
20) 3+4-Methylphenols	8.16	107	257780	54.866	ng	#	59
22) Acetophenone	8.05	105	347775	53.363	ng	#	83
24) Nitrobenzene	8.29	77	238528	49.806	ng		92
25) Isophorone	8.70	82	439149	52.459	ng		95
26) 2-Nitrophenol	8.81	139	137989	55.023	ng		97
27) 2,4-Dimethylphenol	8.96	122	214833	55.199	ng		99
28) bis(2-Chloroethoxy)methane	9.08	93	290700	52.680	ng		99
29) 2,4-Dichlorophenol	9.24	162	198811	53.041	ng		98
30) 1,2,4-Trichlorobenzene	9.32	180	201207	51.589	ng		99
31) Naphthalene	9.42	128	731554	52.352	ng		99
32) Benzoic acid	9.36	122	112130	46.302	ng		96
33) 4-Chloroaniline	9.59	127	62522m	11.447	ng		
34) Hexachlorobutadiene	9.63	225	100797	50.017	ng		98
35) Caprolactam	10.23	113	57371m	51.439	ng		
36) 4-Chloro-3-methylphenol	10.46	107	212641	54.194	ng		91
37) 2-Methylnaphthalene	10.55	142	495870	52.520	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.82	216	193349	48.250	ng		99
40) Hexachlorocyclopentadiene	10.79	237	104425	82.695	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.06	196	131383	50.994	ng		97
43) 2,4,5-Trichlorophenol	11.15	196	129035	47.085	ng		94
45) 1,1'-Biphenyl	11.31	154	556100	50.392	ng		96
46) 2-Chloronaphthalene	11.33	162	432026	50.106	ng		96
47) 2-Nitroaniline	11.55	65	126005	49.939	ng	#	82
48) Acenaphthylene	11.98	152	680406	46.148	ng		99
49) Dimethylphthalate	11.87	163	423961	41.704	ng		98
50) 2,6-Dinitrotoluene	11.97	165	91517	41.272	ng	#	74
51) Acenaphthene	12.26	154	406117	47.693	ng		99
52) 3-Nitroaniline	12.23	138	67377	26.080	ng		87
53) 2,4-Dinitrophenol	12.45	184	106800	84.652	ng	#	67
54) Dibenzofuran	12.55	168	623726	52.044	ng		98
55) 4-Nitrophenol	12.64	139	118702	78.769	ng	#	72
56) 2,4-Dinitrotoluene	12.64	165	156646	52.301	ng	#	90
57) Fluorene	13.10	166	501179	48.054	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.80	232	104430	55.694	ng	#	91
59) Diethylphthalate	13.02	149	443871	45.369	ng		99
60) 4-Chlorophenyl-phenylether	13.13	204	220087	48.525	ng		90
61) 4-Nitroaniline	13.24	138	116946	48.482	ng		97
62) Azobenzene	13.39	77	428973	48.379	ng		94
64) 4,6-Dinitro-2-methylphenol	13.31	198	76936	48.528	ng	#	72
65) n-Nitrosodiphenylamine	13.34	169	386040	44.542	ng		99
66) 4-Bromophenyl-phenylether	13.91	248	128496	51.260	ng		98
67) Hexachlorobenzene	13.99	284	126762	51.318	ng	#	88
68) Atrazine	14.27	200	121673	50.443	ng		96
69) Pentachlorophenol	14.36	266	79467	84.446	ng		97
70) Phenanthrene	14.64	178	701061	50.375	ng		98
71) Anthracene	14.73	178	718992	49.486	ng		98
72) Carbazole	15.02	167	672849	47.521	ng		97
73) Di-n-butylphthalate	15.62	149	797420	52.937	ng		98
74) Fluoranthene	16.42	202	698787	50.731	ng		99
76) Benzidine	16.66	184	67234	9.598	ng	#	91
77) Pyrene	16.72	202	719817	52.889	ng		100
79) Butylbenzylphthalate	17.64	149	328486	55.265	ng	#	85
80) Benzo(a)anthracene	18.31	228	542176	51.125	ng		98
81) 3,3'-Dichlorobenzidine	18.30	252	87567	23.225	ng	#	95
82) Chrysene	18.36	228	511523	48.266	ng		100
83) Bis(2-ethylhexyl)phthalate	18.40	149	459435	54.796	ng	#	99
84) Di-n-octyl phthalate	19.16	149	693956	50.228	ng		96
85) Indeno(1,2,3-cd)pyrene	21.16	276	416545	45.937	ng		99
87) Benzo(b)fluoranthene	19.58	252	435620	51.572	ng		97
88) Benzo(k)fluoranthene	19.61	252	384636	47.640	ng		96
89) Benzo(a)pyrene	19.93	252	383442	49.389	ng		100
90) Dibenzo(a,h)anthracene	21.16	278	345048	52.394	ng		98
91) Benzo(g,h,i)perylene	21.48	276	364771	54.330	ng		98

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

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