Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095904.D
Acq On : 13 Jun 2017 20:45
Operator : SJ/MA
Sample : I3643-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-VNJ217MSD

Manual Integrations APPROVED
mohammad
6/14/2017 4:24:44 PM

Quant Time: Jun 14 05:02:07 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	70423	20.00	ng		-0.05
21) Naphthalene-d8	9.38	136	293163	20.00	ng		-0.05
38) Acenaphthene-d10	12.20	164	132468	20.00	ng		-0.05
63) Phenanthrene-d10	14.60	188	225325	20.00	ng		-0.05
75) Chrysene-d12	18.32	240	133120	20.00	ng		-0.04
86) Perylene-d12	19.99	264	125003	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	579031	131.02	ng		-0.03
7) Phenol-d6	6.93	99	671902	126.99	ng		-0.03
23) Nitrobenzene-d5	8.27	82	402539	85.28	ng		-0.05
41) 2,4,6-Tribromophenol	13.50	330	140976	120.28	ng		-0.05
44) 2-Fluorobiphenyl	11.16	172	775258	81.44	ng		-0.05
78) Terphenyl-d14	16.97	244	547202	102.01	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	1.72	88	67626	32.17	ng		95
3) Pyridine	2.28	79	167089	33.81	ng		100
4) n-Nitrosodimethylamine	2.24	42	73373	39.06	ng		80
6) Aniline	6.86	93	196848	28.44	ng		92
8) 2-Chlorophenol	7.04	128	213430	45.42	ng		94
9) Benzaldehyde	6.67	77	66656	18.68	ng		99
10) Phenol	6.94	94	274406	50.00	ng		89
11) bis(2-Chloroethyl)ether	7.00	93	189861	43.67	ng		96
12) 1,3-Dichlorobenzene	7.25	146	220350	41.43	ng		98
13) 1,4-Dichlorobenzene	7.37	146	226914	42.07	ng		96
14) 1,2-Dichlorobenzene	7.61	146	212226	42.68	ng		95
15) Benzyl Alcohol	7.66	79	165065	45.45	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.85	45	264403	43.28	ng		97
17) 2-Methylphenol	7.89	107	175355	44.47	ng		99
18) Hexachloroethane	8.13	117	76696	43.05	ng		88
19) n-Nitroso-di-n-propylamine	8.09	70	149127	44.48	ng		94
20) 3+4-Methylphenols	8.16	107	226601	45.27	ng	#	56
22) Acetophenone	8.05	105	296303	43.18	ng	#	83
24) Nitrobenzene	8.30	77	210930	41.83	ng		91
25) Isophorone	8.70	82	375839	42.64	ng		97
26) 2-Nitrophenol	8.82	139	119536	45.27	ng		96
27) 2,4-Dimethylphenol	8.96	122	187628	45.79	ng		98
28) bis(2-Chloroethoxy)methane	9.09	93	249760	42.99	ng		100
29) 2,4-Dichlorophenol	9.25	162	177091	44.87	ng		98
30) 1,2,4-Trichlorobenzene	9.32	180	174703	42.54	ng		100
31) Naphthalene	9.42	128	604815	41.11	ng		100
33) 4-Chloroaniline	9.58	127	108359	18.84	ng	#	93
34) Hexachlorobutadiene	9.63	225	88533	41.72	ng		99
35) Caprolactam	10.20	113	52127m	44.39	ng		
36) 4-Chloro-3-methylphenol	10.45	107	179657	43.49	ng		91
37) 2-Methylnaphthalene	10.55	142	417056	41.95	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.82	216	165273	41.69	ng		98
40) Hexachlorocyclopentadiene	10.79	237	72528	61.40	ng		98
42) 2,4,6-Trichlorophenol	11.06	196	109580	42.99	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	11.15	196	102520	37.81	ng		95
45) 1,1'-Biphenyl	11.31	154	465940	42.68	ng		98
46) 2-Chloronaphthalene	11.33	162	356895	41.84	ng		96
47) 2-Nitroaniline	11.55	65	105081	42.09	ng	#	84
48) Acenaphthylene	11.97	152	557701	38.23	ng		99
49) Dimethylphthalate	11.87	163	512182	50.92	ng		99
50) 2,6-Dinitrotoluene	11.97	165	88941	40.54	ng	#	78
51) Acenaphthene	12.26	154	331031	39.29	ng		98
52) 3-Nitroaniline	12.23	138	73489	28.75	ng		92
53) 2,4-Dinitrophenol	12.47	184	33457	31.23	ng	#	62
54) Dibenzofuran	12.54	168	511369	43.13	ng		99
55) 4-Nitrophenol	12.65	139	98202	66.62	ng	#	73
56) 2,4-Dinitrotoluene	12.64	165	127389	42.99	ng	#	91
57) Fluorene	13.10	166	403998	39.15	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.80	232	83611	45.07	ng	#	91
59) Diethylphthalate	13.02	149	411860	42.55	ng		99
60) 4-Chlorophenyl-phenylether	13.13	204	181846	40.53	ng		90
61) 4-Nitroaniline	13.24	138	88233	36.97	ng		96
62) Azobenzene	13.39	77	374898	42.74	ng		93
64) 4,6-Dinitro-2-methylphenol	13.31	198	51576	34.82	ng	#	75
65) n-Nitrosodiphenylamine	13.34	169	346853	42.84	ng		98
66) 4-Bromophenyl-phenylether	13.91	248	101268	43.24	ng		96
67) Hexachlorobenzene	13.99	284	98456	42.67	ng	#	88
68) Atrazine	14.27	200	102895	45.66	ng		95
69) Pentachlorophenol	14.36	266	52613	61.77	ng		99
70) Phenanthrene	14.64	178	580144	44.62	ng		97
71) Anthracene	14.73	178	571244	42.09	ng		97
72) Carbazole	15.02	167	514035	38.86	ng		97
73) Di-n-butylphthalate	15.62	149	637754	45.32	ng		98
74) Fluoranthene	16.42	202	569097	44.23	ng		98
76) Benzidine	16.65	184	172815	33.80	ng	#	93
77) Pyrene	16.72	202	556209	56.00	ng		98
79) Butylbenzylphthalate	17.64	149	220454	50.82	ng	#	86
80) Benzo(a)anthracene	18.30	228	351362	45.40	ng		99
81) 3,3'-Dichlorobenzidine	18.29	252	87457	31.78	ng	#	97
82) Chrysene	18.35	228	342961	44.34	ng		97
83) Bis(2-ethylhexyl)phthalate	18.39	149	322678	52.73	ng		100
84) Di-n-octyl phthalate	19.16	149	453890	45.01	ng		95
85) Indeno(1,2,3-cd)pyrene	21.16	276	349386	52.79	ng		99
87) Benzo(b)fluoranthene	19.58	252	347629	44.41	ng		98
88) Benzo(k)fluoranthene	19.61	252	293865m	39.28	ng		
89) Benzo(a)pyrene	19.93	252	317636	44.15	ng		99
90) Dibenzo(a,h)anthracene	21.16	278	288962	47.35	ng		96
91) Benzo(g,h,i)perylene	21.48	276	306124	49.20	ng		99

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

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