Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095903.D
Acq On : 13 Jun 2017 20:12
Operator : SJ/MA
Sample : I3643-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-VNJ217MS

Manual Integrations APPROVED
mohammad
6/14/2017 4:24:41 PM

Quant Time: Jun 14 04:57:54 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	71453	20.00	ng		-0.05
21) Naphthalene-d8	9.38	136	296941	20.00	ng		-0.05
38) Acenaphthene-d10	12.20	164	132726	20.00	ng		-0.05
63) Phenanthrene-d10	14.60	188	218269	20.00	ng		-0.05
75) Chrysene-d12	18.32	240	133201	20.00	ng		-0.04
86) Perylene-d12	19.99	264	127260	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	557405	124.31	ng		-0.03
7) Phenol-d6	6.93	99	669860	124.78	ng		-0.03
23) Nitrobenzene-d5	8.27	82	403058	84.30	ng		-0.05
41) 2,4,6-Tribromophenol	13.50	330	133453	113.64	ng		-0.05
44) 2-Fluorobiphenyl	11.16	172	735590	77.12	ng		-0.05
78) Terphenyl-d14	16.97	244	526620	98.12	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	1.73	88	68604	32.16	ng		91
3) Pyridine	2.27	79	169632	33.83	ng		96
4) n-Nitrosodimethylamine	2.24	42	76082	39.92	ng		87
6) Aniline	6.86	93	194793	27.74	ng		96
8) 2-Chlorophenol	7.04	128	209787	44.00	ng		95
9) Benzaldehyde	6.67	77	66866	18.47	ng		99
10) Phenol	6.94	94	260715	46.82	ng		89
11) bis(2-Chloroethyl)ether	7.00	93	188311	42.69	ng		96
12) 1,3-Dichlorobenzene	7.25	146	217592	40.32	ng		98
13) 1,4-Dichlorobenzene	7.37	146	222160	40.59	ng		95
14) 1,2-Dichlorobenzene	7.61	146	213705	42.36	ng		96
15) Benzyl Alcohol	7.66	79	166442	45.17	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.85	45	263824	42.57	ng		97
17) 2-Methylphenol	7.89	107	174388	43.58	ng		96
18) Hexachloroethane	8.12	117	76432	42.29	ng	#	82
19) n-Nitroso-di-n-propylamine	8.09	70	146720	43.13	ng		91
20) 3+4-Methylphenols	8.16	107	223233	43.95	ng	#	58
22) Acetophenone	8.05	105	292603	42.10	ng	#	84
24) Nitrobenzene	8.30	77	204258	39.99	ng		93
25) Isophorone	8.70	82	365107	40.90	ng		96
26) 2-Nitrophenol	8.82	139	117885	44.08	ng		98
27) 2,4-Dimethylphenol	8.96	122	181779	43.80	ng		99
28) bis(2-Chloroethoxy)methane	9.09	93	242183	41.15	ng		100
29) 2,4-Dichlorophenol	9.25	162	168933	42.26	ng		98
30) 1,2,4-Trichlorobenzene	9.32	180	169790	40.82	ng		99
31) Naphthalene	9.42	128	594032	39.86	ng		100
32) Benzoic acid	9.27	122	12290m	9.35	ng		
33) 4-Chloroaniline	9.58	127	102482	17.59	ng		95
34) Hexachlorobutadiene	9.63	225	87163	40.56	ng		97
35) Caprolactam	10.20	113	52634m	44.25	ng		
36) 4-Chloro-3-methylphenol	10.45	107	175102	41.85	ng		89
37) 2-Methylnaphthalene	10.54	142	413009	41.02	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.83	216	159779	40.22	ng		99
40) Hexachlorocyclopentadiene	10.80	237	72798	61.49	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.06	196	104960	41.10	ng		97
43) 2,4,5-Trichlorophenol	11.15	196	99278	36.55	ng	#	93
45) 1,1'-Biphenyl	11.31	154	449460	41.09	ng		96
46) 2-Chloronaphthalene	11.33	162	346846	40.58	ng		96
47) 2-Nitroaniline	11.55	65	99478	39.77	ng	#	79
48) Acenaphthylene	11.97	152	539355	36.90	ng		100
49) Dimethylphthalate	11.87	163	500010	49.62	ng		99
50) 2,6-Dinitrotoluene	11.97	165	85336	38.82	ng	#	77
51) Acenaphthene	12.26	154	323883	38.37	ng		99
52) 3-Nitroaniline	12.23	138	68039	26.57	ng		93
53) 2,4-Dinitrophenol	12.46	184	47649	41.66	ng	#	71
54) Dibenzofuran	12.54	168	489254	41.18	ng		99
55) 4-Nitrophenol	12.65	139	89144	60.80	ng	#	75
56) 2,4-Dinitrotoluene	12.64	165	120882	40.72	ng	#	90
57) Fluorene	13.10	166	390545	37.78	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.80	232	78053	41.99	ng		92
59) Diethylphthalate	13.02	149	393230	40.55	ng		99
60) 4-Chlorophenyl-phenylether	13.13	204	172674	38.41	ng		90
61) 4-Nitroaniline	13.24	138	87448	36.57	ng		95
62) Azobenzene	13.39	77	364394	41.46	ng		94
64) 4,6-Dinitro-2-methylphenol	13.31	198	48347	33.70	ng	#	77
65) n-Nitrosodiphenylamine	13.34	169	329314	41.99	ng		100
66) 4-Bromophenyl-phenylether	13.91	248	97241	42.87	ng		97
67) Hexachlorobenzene	13.99	284	94274	42.18	ng	#	88
68) Atrazine	14.27	200	96810	44.35	ng		96
69) Pentachlorophenol	14.36	266	52307	63.22	ng		94
70) Phenanthrene	14.64	178	600558	47.69	ng		97
71) Anthracene	14.73	178	551119	41.92	ng		98
72) Carbazole	15.02	167	488697	38.14	ng		98
73) Di-n-butylphthalate	15.62	149	600470	44.05	ng		98
74) Fluoranthene	16.42	202	614277	49.28	ng		98
76) Benzidine	16.65	184	163694	32.00	ng	#	92
77) Pyrene	16.72	202	584334	58.79	ng		99
79) Butylbenzylphthalate	17.64	149	209780	48.33	ng	#	85
80) Benzo(a)anthracene	18.31	228	358228	46.26	ng		99
81) 3,3'-Dichlorobenzidine	18.29	252	76623	27.83	ng	#	97
82) Chrysene	18.35	228	355712	45.96	ng		99
83) Bis(2-ethylhexyl)phthalate	18.39	149	310716	50.75	ng	#	99
84) Di-n-octyl phthalate	19.16	149	440151	43.63	ng		95
85) Indeno(1,2,3-cd)pyrene	21.16	276	362923	54.81	ng		98
87) Benzo(b)fluoranthene	19.58	252	361195	45.33	ng		98
88) Benzo(k)fluoranthene	19.61	252	304932	40.03	ng		96
89) Benzo(a)pyrene	19.93	252	329114	44.94	ng		98
90) Dibenzo(a,h)anthracene	21.16	278	297912	47.95	ng		97
91) Benzo(g,h,i)perylene	21.48	276	319471	50.44	ng		99

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

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