Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
Data File : BF095218.D
Acq On : 18 May 2017 10:48
Operator : SJ/MA
Sample : I3192-05MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
051617-05MS

Manual Integrations APPROVED
mohammad
5/18/2017 2:30:06 PM

Quant Time: May 18 12:56:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	87559	20.00	ng		0.04
21) Naphthalene-d8	9.79	136	340871	20.00	ng		0.04
38) Acenaphthene-d10	12.62	164	135023	20.00	ng		0.04
63) Phenanthrene-d10	15.02	188	181521	20.00	ng		0.04
75) Chrysene-d12	18.69	240	186099	20.00	ng		0.04
86) Perylene-d12	20.37	264	139068	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	594343	113.17	ng		0.07
7) Phenol-d6	7.32	99	719162	114.13	ng		0.04
23) Nitrobenzene-d5	8.67	82	419619	77.63	ng		0.04
41) 2,4,6-Tribromophenol	13.92	330	116950	105.76	ng		0.04
44) 2-Fluorobiphenyl	11.56	172	762928	81.33	ng		0.03
78) Terphenyl-d14	17.34	244	509183	60.26	ng		0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	77227	29.98	ng		94
3) Pyridine	3.00	79	168576m	28.24	ng		
4) n-Nitrosodimethylamine	2.91	42	69196m	27.81	ng		
6) Aniline	7.28	93	215513	27.09	ng		95
8) 2-Chlorophenol	7.47	128	230721	38.60	ng		96
9) Benzaldehyde	7.11	77	81295	21.13	ng		92
10) Phenol	7.34	94	317099	47.75	ng		89
11) bis(2-Chloroethyl)ether	7.41	93	201099	36.68	ng		95
12) 1,3-Dichlorobenzene	7.68	146	245890	36.26	ng		99
13) 1,4-Dichlorobenzene	7.80	146	251129	36.52	ng		97
14) 1,2-Dichlorobenzene	8.03	146	242069	37.71	ng		96
15) Benzyl Alcohol	8.05	79	167862	41.42	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.26	45	259293	33.42	ng		65
17) 2-Methylphenol	8.27	107	173816	35.53	ng	#	91
18) Hexachloroethane	8.55	117	67875	29.14	ng	#	85
19) n-Nitroso-di-n-propylamine	8.47	70	155957	36.59	ng		93
20) 3+4-Methylphenols	8.53	107	229483	34.52	ng	#	58
22) Acetophenone	8.45	105	313898	38.38	ng	#	82
24) Nitrobenzene	8.70	77	207192	36.57	ng		93
25) Isophorone	9.10	82	361837	37.49	ng	#	94
26) 2-Nitrophenol	9.21	139	90058	29.46	ng		95
27) 2,4-Dimethylphenol	9.34	122	174243	35.25	ng		98
28) bis(2-Chloroethoxy)methane	9.47	93	239091	35.81	ng		99
29) 2,4-Dichlorophenol	9.64	162	164770	35.30	ng		99
30) 1,2,4-Trichlorobenzene	9.71	180	181275	36.25	ng		99
31) Naphthalene	9.82	128	625530	36.51	ng		100
32) Benzoic acid	9.71	122	5891m	6.71	ng		
33) 4-Chloroaniline	10.00	127	42722	6.69	ng		93
34) Hexachlorobutadiene	10.04	225	91868	34.82	ng		99
35) Caprolactam	10.57	113	51252m	36.57	ng		
36) 4-Chloro-3-methylphenol	10.82	107	172554	34.58	ng		90
37) 2-Methylnaphthalene	10.95	142	430169	38.26	ng		96
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	164342	39.58	ng		98
40) Hexachlorocyclopentadiene	11.20	237	12404	12.62	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	107606	38.81	ng		98
43) 2,4,5-Trichlorophenol	11.55	196	95502	32.05	ng		95
45) 1,1'-Biphenyl	11.71	154	458214	40.31	ng		97
46) 2-Chloronaphthalene	11.73	162	357611	38.96	ng		96
47) 2-Nitroaniline	11.95	65	94999	37.81	ng	#	78
48) Acenaphthylene	12.39	152	540563	37.60	ng		98
49) Dimethylphthalate	12.26	163	547440	49.39	ng		98
50) 2,6-Dinitrotoluene	12.35	165	85076	37.62	ng		93
51) Acenaphthene	12.67	154	321842	37.48	ng		99
52) 3-Nitroaniline	12.64	138	62627	25.80	ng		86
53) 2,4-Dinitrophenol	12.90	184	3950	9.17	ng	#	78
54) Dibenzofuran	12.96	168	483279	40.67	ng		98
55) 4-Nitrophenol	13.05	139	79306m	54.40	ng		
56) 2,4-Dinitrotoluene	13.03	165	103100	35.48	ng	#	98
57) Fluorene	13.51	166	369803	35.79	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.21	232	74054	39.49	ng		95
59) Diethylphthalate	13.41	149	392059	36.90	ng		98
60) 4-Chlorophenyl-phenylether	13.54	204	167062	36.79	ng		90
61) 4-Nitroaniline	13.63	138	58408	26.21	ng		93
62) Azobenzene	13.79	77	333922	39.11	ng		92
64) 4,6-Dinitro-2-methylphenol	13.71	198	10668	8.77	ng	#	79
65) n-Nitrosodiphenylamine	13.74	169	311107	47.22	ng		99
66) 4-Bromophenyl-phenylether	14.32	248	78164	40.76	ng		98
67) Hexachlorobenzene	14.41	284	72462	36.87	ng	#	91
68) Atrazine	14.66	200	72626	39.04	ng		97
69) Pentachlorophenol	14.77	266	48383	56.32	ng		90
70) Phenanthrene	15.06	178	393047	37.69	ng		97
71) Anthracene	15.14	178	410157	38.50	ng		98
72) Carbazole	15.42	167	361350	37.28	ng		96
73) Di-n-butylphthalate	15.98	149	488341	40.40	ng		98
74) Fluoranthene	16.80	202	444806	41.58	ng		99
76) Benzidine	17.03	184	250866	49.59	ng	#	91
77) Pyrene	17.11	202	466515	33.52	ng		99
79) Butylbenzylphthalate	18.00	149	216271	33.41	ng		90
80) Benzo(a)anthracene	18.68	228	393735	36.35	ng		99
81) 3,3'-Dichlorobenzidine	18.67	252	134334	35.91	ng	#	94
82) Chrysene	18.73	228	376256	35.93	ng		99
83) Bis(2-ethylhexyl)phthalate	18.74	149	309154	33.52	ng	#	98
84) Di-n-octyl phthalate	19.51	149	534027	35.31	ng		95
85) Indeno(1,2,3-cd)pyrene	21.70	276	253112	29.76	ng		99
87) Benzo(b)fluoranthene	19.96	252	298427	34.73	ng		98
88) Benzo(k)fluoranthene	19.99	252	348902	42.09	ng	#	94
89) Benzo(a)pyrene	20.31	252	288144	36.34	ng		99
90) Dibenzo(a,h)anthracene	21.70	278	206548	31.54	ng		98
91) Benzo(g,h,i)perylene	22.09	276	210031	32.68	ng		99

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

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