Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101833.D
Acq On : 29 Dec 2017 17:06
Operator : SJ/JU
Sample : I7023-07MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LB-4MSD

Manual Integrations APPROVED

Quant Time: Dec 30 03:19:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

Sohil

1/2/2018 1:05:06 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	124440	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	400360	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	173996	20.00	ng		0.02
63) Phenanthrene-d10	11.33	188	282067	20.00	ng		0.01
75) Chrysene-d12	13.97	240	267405	20.00	ng		0.00
86) Perylene-d12	15.44	264	288134	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1157536	138.56	ng		0.01
7) Phenol-d6	6.45	99	1248566	120.09	ng		0.01
23) Nitrobenzene-d5	7.36	82	765091	106.38	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	202372	120.70	ng		0.02
44) 2-Fluorobiphenyl	9.15	172	984909	87.81	ng		0.01
78) Terphenyl-d14	12.90	244	940327	84.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	169029	39.377	ng		96
3) Pyridine	3.32	79	390331m	32.728	ng		
4) n-Nitrosodimethylamine	3.28	42	219668	40.003	ng		99
6) Aniline	6.46	93	377900	26.155	ng	#	65
8) 2-Chlorophenol	6.58	128	387029	44.041	ng		98
9) Benzaldehyde	6.35	77	201758	26.276	ng		98
10) Phenol	6.46	94	529087	44.648	ng		77
11) bis(2-Chloroethyl)ether	6.53	93	411168	44.235	ng		96
12) 1,3-Dichlorobenzene	6.73	146	412641	41.604	ng		98
13) 1,4-Dichlorobenzene	6.80	146	430214	42.476	ng		99
14) 1,2-Dichlorobenzene	6.96	146	376872	41.339	ng		99
15) Benzyl Alcohol	6.95	79	281265	39.304	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	587817	41.321	ng	#	43
17) 2-Methylphenol	7.06	107	301043	37.241	ng	#	82
18) Hexachloroethane	7.29	117	136800	38.848	ng		98
19) n-Nitroso-di-n-propylamine	7.21	70	278591	40.802	ng		98
20) 3+4-Methylphenols	7.22	107	419151	48.932	ng		94
22) Acetophenone	7.21	105	487249	53.337	ng	#	94
24) Nitrobenzene	7.38	77	387522	48.684	ng		97
25) Isophorone	7.62	82	694252	48.118	ng	#	94
26) 2-Nitrophenol	7.70	139	178718	52.261	ng	#	74
27) 2,4-Dimethylphenol	7.74	122	257537	44.329	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	390097	42.564	ng		91
29) 2,4-Dichlorophenol	7.96	162	312083	54.373	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	248600	41.043	ng		97
31) Naphthalene	8.10	128	1449035	71.892	ng		98
32) Benzoic acid	7.87	122	37854	16.027	ng	#	1
33) 4-Chloroaniline	8.17	127	196909	22.477	ng		96
34) Hexachlorobutadiene	8.20	225	165166	47.146	ng		99
35) Caprolactam	8.54	113	41601	20.873	ng	#	1
36) 4-Chloro-3-methylphenol	8.66	107	234679	37.200	ng		98
37) 2-Methylnaphthalene	8.80	142	1801864	137.214	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	225212	38.337	ng		98
40) Hexachlorocyclopentadiene	8.93	237	359	11.723	ng		81

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	110862	31.347	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	126311	32.618	ng	#	77
45) 1,1'-Biphenyl	9.26	154	800754	51.893	ng		98
46) 2-Chloronaphthalene	9.29	162	412046	34.899	ng		98
47) 2-Nitroaniline	9.40	65	152498	37.388	ng		88
48) Acenaphthylene	9.71	152	628904	33.723	ng		96
49) Dimethylphthalate	9.56	163	442185	31.595	ng	#	98
50) 2,6-Dinitrotoluene	9.64	165	93408	32.838	ng	#	80
51) Acenaphthene	9.87	154	418639	37.364	ng		90
52) 3-Nitroaniline	9.81	138	93170	26.272	ng	#	96
53) 2,4-Dinitrophenol	9.97	184	9545m	18.712	ng		
54) Dibenzofuran	10.05	168	544311	38.228	ng	#	91
55) 4-Nitrophenol	10.00	139	84942	54.929	ng	#	68
56) 2,4-Dinitrotoluene	10.06	165	196996	61.469	ng	#	95
57) Fluorene	10.39	166	551127	45.755	ng	#	95
58) 2,3,4,6-Tetrachlorophenol	10.18	232	104293	37.486	ng	#	91
59) Diethylphthalate	10.26	149	472485	34.091	ng		94
60) 4-Chlorophenyl-phenylether	10.37	204	211458	36.630	ng		98
61) 4-Nitroaniline	10.43	138	113247	31.769	ng		100
62) Azobenzene	10.54	77	459361	31.995	ng		84
64) 4,6-Dinitro-2-methylphenol	10.49	198	11043	7.672	ng	#	1
65) n-Nitrosodiphenylamine	10.50	169	576116m	55.315	ng		
66) 4-Bromophenyl-phenylether	10.86	248	135966	42.900	ng		95
67) Hexachlorobenzene	10.96	284	131930	39.331	ng		91
68) Atrazine	11.03	200	154176	49.645	ng		96
69) Pentachlorophenol	11.15	266	75587	59.754	ng		99
70) Phenanthrene	11.36	178	952139	60.699	ng		99
71) Anthracene	11.41	178	657791m	41.053	ng		
72) Carbazole	11.57	167	566712	37.777	ng		98
73) Di-n-butylphthalate	11.87	149	801119	43.998	ng		99
74) Fluoranthene	12.54	202	704292	42.775	ng		99
76) Benzidine	12.66	184	302491	26.784	ng		98
77) Pyrene	12.77	202	729202	36.335	ng		100
79) Butylbenzylphthalate	13.36	149	346550	38.164	ng		95
80) Benzo(a)anthracene	13.96	228	674690	38.211	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	202790	35.222	ng	#	97
82) Chrysene	14.00	228	650581	39.023	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	442897	38.507	ng		99
84) Di-n-octyl phthalate	14.52	149	797010	38.856	ng		99
85) Indeno(1,2,3-cd)pyrene	16.93	276	621546	41.866	ng		96
87) Benzo(b)fluoranthene	15.01	252	715985	40.768	ng		98
88) Benzo(k)fluoranthene	15.04	252	595209	34.858	ng		98
89) Benzo(a)pyrene	15.38	252	632530	39.069	ng		99
90) Dibenzo(a,h)anthracene	16.92	278	526050	37.844	ng		100
91) Benzo(g,h,i)perylene	17.37	276	511137	37.135	ng		95

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

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