Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098615.D
Acq On : 18 Sep 2017 21:24
Operator : SJ/JU
Sample : I5265-07MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5D46MSD

Manual Integrations APPROVED
Sohil
9/19/2017 5:31:57 PM

Quant Time: Sep 19 06:55:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	106843	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	418537	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	177483	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	275169	20.00	ng		0.00
75) Chrysene-d12	13.79	240	190561	20.00	ng		0.00
86) Perylene-d12	15.19	264	172210	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	865748	119.80	ng		0.02
7) Phenol-d6	6.30	99	1057464	115.25	ng		0.01
23) Nitrobenzene-d5	7.21	82	628425	83.71	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	164308	138.71	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	991070	94.64	ng		0.00
78) Terphenyl-d14	12.73	244	714535	80.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	107415	28.799	ng		88
3) Pyridine	2.98	79	236663	23.893	ng	#	77
4) n-Nitrosodimethylamine	2.93	42	176459	36.338	ng		83
6) Aniline	6.30	93	270076	23.464	ng	#	37
8) 2-Chlorophenol	6.43	128	338284	42.572	ng		95
9) Benzaldehyde	6.19	77	143295	23.891	ng		96
10) Phenol	6.32	94	439523	41.243	ng		93
11) bis(2-Chloroethyl)ether	6.38	93	323338	40.241	ng		95
12) 1,3-Dichlorobenzene	6.57	146	323999	40.510	ng		97
13) 1,4-Dichlorobenzene	6.65	146	329051	40.165	ng	#	93
14) 1,2-Dichlorobenzene	6.80	146	313095	41.949	ng		99
15) Benzyl Alcohol	6.80	79	297183	48.669	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.92	45	488978	36.987	ng	#	31
17) 2-Methylphenol	6.92	107	274362	42.342	ng	#	84
18) Hexachloroethane	7.14	117	114339	36.443	ng	#	85
19) n-Nitroso-di-n-propylamine	7.07	70	252468	43.746	ng		97
20) 3+4-Methylphenols	7.07	107	366723	44.848	ng	#	65
22) Acetophenone	7.06	105	489953	45.293	ng	#	91
24) Nitrobenzene	7.23	77	357064	41.755	ng		97
25) Isophorone	7.47	82	637624	41.978	ng	#	98
26) 2-Nitrophenol	7.55	139	171815	49.762	ng	#	78
27) 2,4-Dimethylphenol	7.60	122	286961	43.598	ng		92
28) bis(2-Chloroethoxy)methane	7.68	93	402097	43.383	ng		99
29) 2,4-Dichlorophenol	7.80	162	274545	50.154	ng		98
30) 1,2,4-Trichlorobenzene	7.87	180	287339	48.254	ng		99
31) Naphthalene	7.95	128	921264	44.526	ng		100
32) Benzoic acid	7.76	122	133688	33.221	ng		91
33) 4-Chloroaniline	8.00	127	184626	21.956	ng		98
34) Hexachlorobutadiene	8.06	225	159749	52.258	ng		99
36) 4-Chloro-3-methylphenol	8.51	107	287943	42.415	ng	#	84
37) 2-Methylnaphthalene	8.64	142	601234	47.972	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	262727	47.522	ng		98
40) Hexachlorocyclopentadiene	8.79	237	28297	25.161	ng		95
42) 2,4,6-Trichlorophenol	8.93	196	170977	52.652	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.97	196	166919	49.178	ng	#	87
45) 1,1'-Biphenyl	9.10	154	717088	45.140	ng		98
46) 2-Chloronaphthalene	9.13	162	533690	47.041	ng	#	93
47) 2-Nitroaniline	9.23	65	192680	44.249	ng		97
48) Acenaphthylene	9.54	152	727868	43.149	ng		99
49) Dimethylphthalate	9.41	163	798394	58.113	ng		100
50) 2,6-Dinitrotoluene	9.47	165	136228	48.272	ng	#	66
51) Acenaphthene	9.71	154	481966	44.948	ng		98
52) 3-Nitroaniline	9.65	138	99100	29.090	ng		97
53) 2,4-Dinitrophenol	9.76	184	55237	45.520	ng	#	82
54) Dibenzofuran	9.88	168	682573	48.319	ng		95
55) 4-Nitrophenol	9.83	139	139489	71.270	ng	#	37
56) 2,4-Dinitrotoluene	9.88	165	166590	48.556	ng	#	41
57) Fluorene	10.23	166	523771	44.796	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	124479	54.571	ng	#	91
59) Diethylphthalate	10.10	149	613781	46.976	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	268925	49.796	ng		92
61) 4-Nitroaniline	10.26	138	104328	30.325	ng		77
62) Azobenzene	10.37	77	566466	40.226	ng		95
64) 4,6-Dinitro-2-methylphenol	10.30	198	48443	30.698	ng	#	85
65) n-Nitrosodiphenylamine	10.34	169	472295	52.860	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	147706	56.558	ng		96
67) Hexachlorobenzene	10.77	284	137259	51.815	ng	#	85
68) Atrazine	10.87	200	138562	50.374	ng		98
69) Pentachlorophenol	10.97	266	111828	94.032	ng		96
70) Phenanthrene	11.19	178	692461	47.469	ng		100
71) Anthracene	11.23	178	697805	46.592	ng		98
72) Carbazole	11.39	167	574522	41.161	ng		99
73) Di-n-butylphthalate	11.72	149	869312	51.981	ng		99
74) Fluoranthene	12.37	202	633835	43.404	ng		95
76) Benzidine	12.49	184	100627m	11.932	ng		
77) Pyrene	12.59	202	634555	42.212	ng		99
79) Butylbenzylphthalate	13.21	149	313251	48.033	ng	#	80
80) Benzo(a)anthracene	13.78	228	528768	47.329	ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	162159	37.348	ng	#	94
82) Chrysene	13.82	228	512606	45.390	ng		99
83) Bis(2-ethylhexyl)phthalate	13.77	149	464779	56.786	ng		98
84) Di-n-octyl phthalate	14.38	149	764809	54.463	ng		99
85) Indeno(1,2,3-cd)pyrene	16.53	276	399088	50.369	ng	#	92
87) Benzo(b)fluoranthene	14.80	252	522379	48.243	ng		97
88) Benzo(k)fluoranthene	14.82	252	458973	45.404	ng	#	92
89) Benzo(a)pyrene	15.13	252	452843	46.943	ng		97
90) Dibenzo(a,h)anthracene	16.53	278	348692	49.690	ng		96
91) Benzo(g,h,i)perylene	16.93	276	315456	44.694	ng	#	87

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

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