Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098577.D
Acq On : 15 Sep 2017 19:07
Operator : SJ/JU
Sample : I5229-06MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Manual Integrations APPROVED
Sohil
9/18/2017 3:33:46 PM

Quant Time: Sep 16 02:54:45 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	146620	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	618282	20.00	ng		-0.02
38) Acenaphthene-d10	9.68	164	291640	20.00	ng		-0.02
63) Phenanthrene-d10	11.17	188	548984	20.00	ng		-0.02
75) Chrysene-d12	13.80	240	394116	20.00	ng		-0.01
86) Perylene-d12	15.20	264	315975	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1099727	110.90	ng		-0.01
7) Phenol-d6	6.31	99	1364660	108.39	ng		-0.01
23) Nitrobenzene-d5	7.22	82	849433	76.59	ng		-0.02
41) 2,4,6-Tribromophenol	10.48	330	264202	135.73	ng		-0.01
44) 2-Fluorobiphenyl	9.01	172	1295298	75.28	ng		-0.02
78) Terphenyl-d14	12.75	244	1265308	69.30	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	138024	26.967	ng		93
3) Pyridine	3.00	79	333513	24.536	ng	#	87
4) n-Nitrosodimethylamine	2.96	42	202661	30.412	ng		100
6) Aniline	6.31	93	373800	23.665	ng	#	35
8) 2-Chlorophenol	6.44	128	403647	37.016	ng		99
9) Benzaldehyde	6.19	77	191042	23.211	ng		94
10) Phenol	6.32	94	531890	36.370	ng		76
11) bis(2-Chloroethyl)ether	6.39	93	382676	34.706	ng		97
12) 1,3-Dichlorobenzene	6.58	146	396410m	36.117	ng		
13) 1,4-Dichlorobenzene	6.66	146	405204	36.042	ng		96
14) 1,2-Dichlorobenzene	6.82	146	374863	36.599	ng		97
15) Benzyl Alcohol	6.80	79	345426	41.223	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.93	45	561060	30.926	ng	#	37
17) 2-Methylphenol	6.92	107	337519	37.958	ng	#	88
18) Hexachloroethane	7.15	117	143195	33.259	ng		88
19) n-Nitroso-di-n-propylamine	7.07	70	284556	35.930	ng		97
20) 3+4-Methylphenols	7.08	107	440231	39.232	ng	#	65
22) Acetophenone	7.06	105	578965	36.231	ng	#	89
24) Nitrobenzene	7.24	77	432430	34.231	ng		93
25) Isophorone	7.48	82	766758	34.171	ng		97
26) 2-Nitrophenol	7.55	139	218087	42.758	ng	#	79
27) 2,4-Dimethylphenol	7.60	122	350012	35.998	ng		96
28) bis(2-Chloroethoxy)methane	7.69	93	489696	35.766	ng		98
29) 2,4-Dichlorophenol	7.80	162	333864	41.286	ng		98
30) 1,2,4-Trichlorobenzene	7.87	180	342305	38.913	ng		99
31) Naphthalene	7.95	128	1150189	37.631	ng		99
32) Benzoic acid	7.75	122	146788	26.738	ng		94
33) 4-Chloroaniline	8.01	127	283680	22.837	ng		99
34) Hexachlorobutadiene	8.06	225	170383	37.730	ng		97
35) Caprolactam	8.40	113	109456m	39.252	ng		
36) 4-Chloro-3-methylphenol	8.52	107	382790	38.169	ng		86
37) 2-Methylnaphthalene	8.65	142	744068	40.189	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	315495	34.729	ng		98
40) Hexachlorocyclopentadiene	8.79	237	150666	59.505	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	217237	40.712	ng		91
43) 2,4,5-Trichlorophenol	8.98	196	232789	41.739	ng		93
45) 1,1'-Biphenyl	9.11	154	916119	35.096	ng		98
46) 2-Chloronaphthalene	9.13	162	696711	37.372	ng		94
47) 2-Nitroaniline	9.24	65	260516	36.409	ng		98
48) Acenaphthylene	9.55	152	1020291	36.809	ng		99
49) Dimethylphthalate	9.42	163	1065505	47.198	ng		99
50) 2,6-Dinitrotoluene	9.49	165	188340	40.615	ng	#	88
51) Acenaphthene	9.72	154	647626	36.756	ng		97
52) 3-Nitroaniline	9.65	138	148586	26.544	ng		98
53) 2,4-Dinitrophenol	9.77	184	151772	70.385	ng	#	74
54) Dibenzofuran	9.89	168	923492	39.785	ng		99
55) 4-Nitrophenol	9.85	139	221105	68.750	ng	#	61
56) 2,4-Dinitrotoluene	9.89	165	241900	42.908	ng	#	59
57) Fluorene	10.23	166	728956	37.941	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.02	232	175598	46.848	ng	#	95
59) Diethylphthalate	10.12	149	802096	37.359	ng		97
60) 4-Chlorophenyl-phenylether	10.22	204	353629	39.849	ng		90
61) 4-Nitroaniline	10.27	138	207323	36.674	ng		90
62) Azobenzene	10.39	77	789242	34.107	ng		96
64) 4,6-Dinitro-2-methylphenol	10.30	198	131079	39.866	ng		79
65) n-Nitrosodiphenylamine	10.35	169	670401	37.608	ng		100
66) 4-Bromophenyl-phenylether	10.71	248	209116	40.135	ng		97
67) Hexachlorobenzene	10.78	284	207896	39.337	ng	#	89
68) Atrazine	10.88	200	217597	39.651	ng		98
69) Pentachlorophenol	10.99	266	162226	70.267	ng		98
70) Phenanthrene	11.19	178	1121311	38.529	ng		99
71) Anthracene	11.24	178	1143458	38.268	ng		98
72) Carbazole	11.40	167	1043545	37.474	ng		99
73) Di-n-butylphthalate	11.73	149	1230098	36.868	ng		99
74) Fluoranthene	12.38	202	1143604	39.252	ng		98
76) Benzidine	12.50	184	196235m	11.251	ng		
77) Pyrene	12.60	202	1184195	38.089	ng		99
79) Butylbenzylphthalate	13.23	149	524744	38.905	ng	#	85
80) Benzo(a)anthracene	13.79	228	880562	38.109	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	242516	27.007	ng	#	96
82) Chrysene	13.83	228	863604	36.975	ng		98
83) Bis(2-ethylhexyl)phthalate	13.79	149	681822	40.279	ng	#	99
84) Di-n-octyl phthalate	14.40	149	1115406	38.405	ng		99
85) Indeno(1,2,3-cd)pyrene	16.55	276	637979	38.933	ng		96
87) Benzo(b)fluoranthene	14.81	252	731864	36.837	ng		98
88) Benzo(k)fluoranthene	14.84	252	726126	39.149	ng	#	94
89) Benzo(a)pyrene	15.15	252	680957	38.472	ng		98
90) Dibenzo(a,h)anthracene	16.56	278	539531	41.903	ng		97
91) Benzo(g,h,i)perylene	16.95	276	541605	41.821	ng		94

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

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