Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096922.D
Acq On : 20 Jul 2017 22:57
Operator : SJ/JU
Sample : I4317-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMPMS

Manual Integrations APPROVED
Sohil
7/21/2017 1:05:57 PM

Quant Time: Jul 21 07:59:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	100396	20.00	ng		-0.03
21) Naphthalene-d8	7.85	136	375394	20.00	ng		-0.04
38) Acenaphthene-d10	9.60	164	168785	20.00	ng		-0.04
63) Phenanthrene-d10	11.07	188	289357	20.00	ng		-0.03
75) Chrysene-d12	13.70	240	169966	20.00	ng		-0.03
86) Perylene-d12	15.07	264	192020	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	740063	110.84	ng		-0.02
7) Phenol-d6	6.23	99	919010	114.69	ng		-0.02
23) Nitrobenzene-d5	7.14	82	517849	85.45	ng		-0.03
41) 2,4,6-Tribromophenol	10.39	330	182178	126.45	ng		-0.03
44) 2-Fluorobiphenyl	8.93	172	905708	84.78	ng		-0.03
78) Terphenyl-d14	12.66	244	637276	65.02	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	90046	26.209	ng	#	75
3) Pyridine	2.83	79	196503	27.214	ng	#	63
4) n-Nitrosodimethylamine	2.76	42	140634	34.828	ng		79
6) Aniline	6.23	93	279304	28.299	ng	#	56
8) 2-Chlorophenol	6.36	128	259729	36.057	ng		92
9) Benzaldehyde	6.11	77	104842	22.638	ng		97
10) Phenol	6.25	94	352575	38.924	ng		96
11) bis(2-Chloroethyl)ether	6.32	93	253795	37.259	ng		93
12) 1,3-Dichlorobenzene	6.51	146	279753	36.536	ng		98
13) 1,4-Dichlorobenzene	6.59	146	280515	36.176	ng		95
14) 1,2-Dichlorobenzene	6.74	146	261136	37.026	ng		98
15) Benzyl Alcohol	6.72	79	202425	38.587	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.86	45	530289	37.723	ng		99
17) 2-Methylphenol	6.85	107	209112	37.332	ng		95
18) Hexachloroethane	7.08	117	90063	32.755	ng	#	84
19) n-Nitroso-di-n-propylamine	7.00	70	169241	35.059	ng	#	87
20) 3+4-Methylphenols	7.00	107	248472	36.555	ng	#	63
22) Acetophenone	6.99	105	357922	42.660	ng		96
24) Nitrobenzene	7.16	77	234388	37.394	ng		90
25) Isophorone	7.40	82	421719	37.405	ng		95
26) 2-Nitrophenol	7.47	139	131946	37.858	ng		92
27) 2,4-Dimethylphenol	7.53	122	213161	37.177	ng		97
28) bis(2-Chloroethoxy)methane	7.62	93	289685	38.024	ng		98
29) 2,4-Dichlorophenol	7.72	162	197720	38.096	ng		97
30) 1,2,4-Trichlorobenzene	7.80	180	190585	38.621	ng		99
31) Naphthalene	7.87	128	690201	38.812	ng		99
32) Benzoic acid	7.64	122	54291	14.815	ng		94
33) 4-Chloroaniline	7.93	127	209471	29.730	ng		99
34) Hexachlorobutadiene	8.00	225	99462	37.756	ng		99
35) Caprolactam	8.30	113	63277m	38.050	ng		
36) 4-Chloro-3-methylphenol	8.43	107	206780	37.053	ng		90
37) 2-Methylnaphthalene	8.57	142	475572	41.947	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	169126	37.068	ng		100
40) Hexachlorocyclopentadiene	8.72	237	93104	55.859	ng		99

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42) 2,4,6-Trichlorophenol	8.85	196	122537	36.409	ng		100
43) 2,4,5-Trichlorophenol	8.90	196	128124	37.747	ng		94
45) 1,1'-Biphenyl	9.03	154	532187	36.764	ng		99
46) 2-Chloronaphthalene	9.05	162	405561	38.048	ng		94
47) 2-Nitroaniline	9.15	65	139603	38.101	ng		95
48) Acenaphthylene	9.46	152	675739	39.787	ng		99
49) Dimethylphthalate	9.34	163	577716	45.457	ng		99
50) 2,6-Dinitrotoluene	9.40	165	105051	38.162	ng	#	88
51) Acenaphthene	9.63	154	398415	39.711	ng		100
52) 3-Nitroaniline	9.56	138	102600	31.462	ng		89
53) 2,4-Dinitrophenol	9.67	184	50623	40.752	ng	#	75
54) Dibenzofuran	9.81	168	592218	42.122	ng		98
55) 4-Nitrophenol	9.75	139	153463	64.414	ng	#	66
56) 2,4-Dinitrotoluene	9.80	165	137496	38.870	ng	#	63
57) Fluorene	10.15	166	402271	38.719	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	93664	39.789	ng		98
59) Diethylphthalate	10.03	149	456702	36.914	ng		99
60) 4-Chlorophenyl-phenylether	10.15	204	171563	38.310	ng		91
61) 4-Nitroaniline	10.17	138	110103	35.954	ng		92
62) Azobenzene	10.30	77	475496	43.565	ng		93
64) 4,6-Dinitro-2-methylphenol	10.21	198	53834	29.632	ng		88
65) n-Nitrosodiphenylamine	10.26	169	406010	39.253	ng		99
66) 4-Bromophenyl-phenylether	10.63	248	110360	37.357	ng		99
67) Hexachlorobenzene	10.70	284	117533	35.721	ng	#	91
68) Atrazine	10.80	200	116353	39.484	ng		95
69) Pentachlorophenol	10.89	266	93966	59.116	ng		98
70) Phenanthrene	11.10	178	604264	38.407	ng		98
71) Anthracene	11.15	178	631389	39.691	ng		99
72) Carbazole	11.31	167	562911	36.542	ng		98
73) Di-n-butylphthalate	11.65	149	743846	38.772	ng		99
74) Fluoranthene	12.28	202	582347	38.670	ng		98
76) Benzidine	12.40	184	234246	42.069	ng	#	92
77) Pyrene	12.51	202	582147	37.740	ng		98
79) Butylbenzylphthalate	13.14	149	264359	36.070	ng	#	81
80) Benzo(a)anthracene	13.69	228	428715	40.482	ng		98
81) 3,3'-Dichlorobenzidine	13.66	252	126698	33.269	ng	#	96
82) Chrysene	13.73	228	413786	39.689	ng		99
83) Bis(2-ethylhexyl)phthalate	13.70	149	323716	36.269	ng		98
84) Di-n-octyl phthalate	14.32	149	523068	35.453	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.34	276	449774	45.416	ng		99
87) Benzo(b)fluoranthene	14.70	252	396341	34.223	ng		98
88) Benzo(k)fluoranthene	14.73	252	384615m	35.072	ng		
89) Benzo(a)pyrene	15.02	252	414817	39.053	ng		99
90) Dibenzo(a,h)anthracene	16.36	278	367461	37.597	ng		97
91) Benzo(g,h,i)perylene	16.73	276	387821	37.055	ng		98

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

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