Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096909.D
Acq On : 20 Jul 2017 16:50
Operator : SJ/JU
Sample : PB100793BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 21 06:38:10 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

Instrument :
BNA_F
ClientSampleId :
PB100793BS

Manual Integrations APPROVED
Sohil
7/21/2017 1:05:50 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	89182	20.00	ng		-0.03
21) Naphthalene-d8	7.85	136	374919	20.00	ng		-0.04
38) Acenaphthene-d10	9.60	164	169106	20.00	ng		-0.03
63) Phenanthrene-d10	11.07	188	316688	20.00	ng		-0.03
75) Chrysene-d12	13.70	240	191433	20.00	ng		-0.03
86) Perylene-d12	15.07	264	160280	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	749229	126.32	ng		-0.02
7) Phenol-d6	6.23	99	895967	125.88	ng		-0.02
23) Nitrobenzene-d5	7.13	82	462127	76.35	ng		-0.04
41) 2,4,6-Tribromophenol	10.39	330	183835	127.36	ng		-0.03
44) 2-Fluorobiphenyl	8.93	172	881382	82.35	ng		-0.03
78) Terphenyl-d14	12.66	244	705471	63.91	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	93162	30.525	ng	#	73
3) Pyridine	2.85	79	218765	34.107	ng	#	60
4) n-Nitrosodimethylamine	2.80	42	134786	37.577	ng	#	78
6) Aniline	6.23	93	191770	21.873	ng	#	1
8) 2-Chlorophenol	6.36	128	267825	41.856	ng		97
9) Benzaldehyde	6.11	77	106705	25.937	ng		98
10) Phenol	6.24	94	322484	40.079	ng		98
11) bis(2-Chloroethyl)ether	6.31	93	254548	42.069	ng		92
12) 1,3-Dichlorobenzene	6.51	146	248702	36.565	ng		99
13) 1,4-Dichlorobenzene	6.59	146	252310	36.630	ng		94
14) 1,2-Dichlorobenzene	6.74	146	233605	37.287	ng		97
15) Benzyl Alcohol	6.72	79	180687	38.775	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.86	45	443927	35.550	ng		97
17) 2-Methylphenol	6.85	107	183715	36.922	ng		95
18) Hexachloroethane	7.08	117	90290	36.967	ng	#	85
19) n-Nitroso-di-n-propylamine	6.99	70	156795	36.565	ng	#	87
20) 3+4-Methylphenols	7.00	107	236469	39.163	ng	#	64
22) Acetophenone	6.99	105	312967	37.349	ng	#	96
24) Nitrobenzene	7.15	77	229499	36.661	ng		94
25) Isophorone	7.40	82	407949	36.230	ng		95
26) 2-Nitrophenol	7.47	139	129564	37.222	ng		94
27) 2,4-Dimethylphenol	7.52	122	212090	37.037	ng		97
28) bis(2-Chloroethoxy)methane	7.61	93	280691	36.891	ng		98
29) 2,4-Dichlorophenol	7.72	162	194696	37.560	ng		97
30) 1,2,4-Trichlorobenzene	7.80	180	186502	37.842	ng		98
31) Naphthalene	7.87	128	675776	38.049	ng		100
32) Benzoic acid	7.66	122	123076	33.627	ng		96
33) 4-Chloroaniline	7.93	127	93859	13.338	ng		96
34) Hexachlorobutadiene	8.00	225	98524	37.447	ng		98
35) Caprolactam	8.30	113	64794m	39.012	ng		
36) 4-Chloro-3-methylphenol	8.43	107	202203	36.279	ng		90
37) 2-Methylnaphthalene	8.57	142	459803	40.608	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	165424	36.187	ng		98
40) Hexachlorocyclopentadiene	8.72	237	140219	81.459	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.85	196	118823	35.239	ng		98
43) 2,4,5-Trichlorophenol	8.89	196	127676	37.544	ng		98
45) 1,1'-Biphenyl	9.03	154	518278	35.735	ng		99
46) 2-Chloronaphthalene	9.05	162	406030	38.020	ng	#	92
47) 2-Nitroaniline	9.15	65	142375	38.784	ng		92
48) Acenaphthylene	9.46	152	638470	37.522	ng		99
49) Dimethylphthalate	9.34	163	483039	37.936	ng		99
50) 2,6-Dinitrotoluene	9.40	165	105651	38.307	ng	#	89
51) Acenaphthene	9.63	154	368884	36.697	ng		98
52) 3-Nitroaniline	9.56	138	61119	18.707	ng		90
53) 2,4-Dinitrophenol	9.67	184	89375	66.674	ng	#	75
54) Dibenzofuran	9.81	168	560166	39.767	ng		98
55) 4-Nitrophenol	9.75	139	155619	65.195	ng	#	65
56) 2,4-Dinitrotoluene	9.80	165	137264	38.731	ng	#	68
57) Fluorene	10.15	166	428786	41.193	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.93	232	97943	41.528	ng		99
59) Diethylphthalate	10.03	149	473637	38.210	ng		99
60) 4-Chlorophenyl-phenylether	10.15	204	177626	39.986	ng		94
61) 4-Nitroaniline	10.17	138	123389	40.216	ng		93
62) Azobenzene	10.30	77	497820	45.524	ng		91
64) 4,6-Dinitro-2-methylphenol	10.21	198	71445	35.932	ng		90
65) n-Nitrosodiphenylamine	10.26	169	423080	37.373	ng		97
66) 4-Bromophenyl-phenylether	10.63	248	122071	37.755	ng		94
67) Hexachlorobenzene	10.70	284	129520	35.967	ng	#	91
68) Atrazine	10.80	200	116654	36.170	ng		97
69) Pentachlorophenol	10.89	266	103071	59.248	ng		100
70) Phenanthrene	11.10	178	676009	39.259	ng		99
71) Anthracene	11.16	178	725479	41.670	ng		98
72) Carbazole	11.31	167	684272	40.586	ng		100
73) Di-n-butylphthalate	11.65	149	823394	39.215	ng		99
74) Fluoranthene	12.29	202	612938	37.188	ng		96
76) Benzidine	12.40	184	180669	28.808	ng	#	93
77) Pyrene	12.51	202	631025	36.321	ng		98
79) Butylbenzylphthalate	13.14	149	302073	36.594	ng	#	81
80) Benzo(a)anthracene	13.69	228	474857	39.811	ng		100
81) 3,3'-Dichlorobenzidine	13.66	252	94280	21.981	ng	#	96
82) Chrysene	13.73	228	454959	38.745	ng		99
83) Bis(2-ethylhexyl)phthalate	13.71	149	358779	35.690	ng	#	99
84) Di-n-octyl phthalate	14.32	149	593920	35.741	ng		96
85) Indeno(1,2,3-cd)pyrene	16.34	276	383523	35.672	ng		99
87) Benzo(b)fluoranthene	14.70	252	382314	39.550	ng		98
88) Benzo(k)fluoranthene	14.72	252	354735	38.753	ng		98
89) Benzo(a)pyrene	15.02	252	352590	39.768	ng		99
90) Dibenzo(a,h)anthracene	16.36	278	315555	38.680	ng		99
91) Benzo(g,h,i)perylene	16.72	276	337201	38.598	ng		97

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

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