Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
Data File : BF094612.D
Acq On : 25 Apr 2017 18:27
Operator : SJ/MA
Sample : I2835-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 26 03:14:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MARJON-SEMSD

Manual Integrations APPROVED
mohammad
4/26/2017 2:21:04 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
1) 1,4-Dichlorobenzene-d4	5.75	152	122668	20.00	ng		0.00	
21) Naphthalene-d8	7.25	136	483652	20.00	ng		-0.01	
38) Acenaphthene-d10	9.38	164	208644	20.00	ng		-0.01	
63) Phenanthrene-d10	11.21	188	346730	20.00	ng		-0.01	
75) Chrysene-d12	14.46	240	239707	20.00	ng		0.00	
86) Perylene-d12	16.08	264	230049	20.00	ng		0.00	mohammad
System Monitoring Compounds								
5) 2-Fluorophenol	4.31	112	924109	124.98	ng		0.00	
7) Phenol-d6	5.39	99	1112592	127.64	ng		0.00	
23) Nitrobenzene-d5	6.41	82	704469	89.94	ng		0.00	4/26/2017 2:21:04 PM
41) 2,4,6-Tribromophenol	10.37	330	197008	120.72	ng		0.00	
44) 2-Fluorobiphenyl	8.57	172	1245707	87.85	ng		-0.01	
78) Terphenyl-d14	13.18	244	862128	96.13	ng		-0.01	
Target Compounds							Qvalue	
2) 1,4-Dioxane	2.11	88	126816	29.49	ng		97	
3) Pyridine	2.64	79	259810	27.65	ng		97	
4) n-Nitrosodimethylamine	2.58	42	156267	40.19	ng		89	
6) Aniline	5.39	93	379721	32.78	ng	#	85	
8) 2-Chlorophenol	5.53	128	364031	43.27	ng		94	
9) Benzaldehyde	5.25	77	113721	17.15	ng		98	
10) Phenol	5.40	94	509909	47.62	ng		96	
11) bis(2-Chloroethyl)ether	5.47	93	332793	42.54	ng		97	
12) 1,3-Dichlorobenzene	5.69	146	389851	41.82	ng		100	
13) 1,4-Dichlorobenzene	5.78	146	397213	42.35	ng		97	
14) 1,2-Dichlorobenzene	5.95	146	365006	42.25	ng		98	
15) Benzyl Alcohol	5.94	79	269946	41.75	ng		99	
16) 2,2'-oxybis(1-Chloropropan	6.09	45	442372	43.13	ng		69	
17) 2-Methylphenol	6.08	107	286970	43.31	ng	#	94	
18) Hexachloroethane	6.34	117	126755	39.43	ng	#	87	
19) n-Nitroso-di-n-propylamine	6.25	70	253900	43.96	ng		96	
20) 3+4-Methylphenols	6.26	107	398736	44.28	ng	#	60	
22) Acetophenone	6.23	105	518679	44.11	ng	#	85	
24) Nitrobenzene	6.43	77	359234	43.55	ng		94	
25) Isophorone	6.72	82	644504	44.39	ng		95	
26) 2-Nitrophenol	6.80	139	176479	39.83	ng		97	
27) 2,4-Dimethylphenol	6.88	122	314605	43.71	ng		98	
28) bis(2-Chloroethoxy)methane	6.98	93	415838	44.28	ng		100	
29) 2,4-Dichlorophenol	7.10	162	293832	43.88	ng		97	
30) 1,2,4-Trichlorobenzene	7.19	180	297920	43.03	ng		97	
31) Naphthalene	7.28	128	1012029	43.53	ng		100	
33) 4-Chloroaniline	7.35	127	164618	17.02	ng		95	
34) Hexachlorobutadiene	7.43	225	148904	43.14	ng		98	
35) Caprolactam	7.80	113	65057m	30.93	ng			
36) 4-Chloro-3-methylphenol	7.98	107	296738	42.29	ng		88	
37) 2-Methylnaphthalene	8.12	142	686318	43.14	ng		97	
39) 1,2,4,5-Tetrachlorobenzene	8.32	216	267180	44.97	ng		99	
40) Hexachlorocyclopentadiene	8.31	237	82382	34.28	ng		95	
42) 2,4,6-Trichlorophenol	8.48	196	180567	43.28	ng		96	

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
43) 2,4,5-Trichlorophenol	8.54	196	183388	42.80	ng	#	93	
45) 1,1'-Biphenyl	8.69	154	767927	45.05	ng		97	
46) 2-Chloronaphthalene	8.71	162	612145	45.16	ng		94	
47) 2-Nitroaniline	8.85	65	177639	45.56	ng	#	83	
48) Acenaphthylene	9.21	152	917500	43.42	ng		99	
49) Dimethylphthalate	9.09	163	864271	55.58	ng		98	mohammad
50) 2,6-Dinitrotoluene	9.15	165	159590	45.73	ng		97	
51) Acenaphthene	9.42	154	558211	44.11	ng		98	
52) 3-Nitroaniline	9.35	138	141324	35.00	ng		94	
53) 2,4-Dinitrophenol	9.51	184	2799	7.13	ng	#	79	
54) Dibenzofuran	9.64	168	820149	44.59	ng		97	4/26/2017 2:21:04 PM
55) 4-Nitrophenol	9.61	139	168590m	59.10	ng			
56) 2,4-Dinitrotoluene	9.65	165	197240	46.06	ng		96	
57) Fluorene	10.06	166	618874	43.21	ng		100	
58) 2,3,4,6-Tetrachlorophenol	9.81	232	121594	39.59	ng		95	
59) Diethylphthalate	9.95	149	683964	46.62	ng		99	
60) 4-Chlorophenyl-phenylether	10.07	204	274037	45.97	ng		93	
61) 4-Nitroaniline	10.11	138	160013	38.98	ng		96	
62) Azobenzene	10.26	77	642198	45.08	ng		97	
64) 4,6-Dinitro-2-methylphenol	10.15	198	11625	5.12	ng	#	70	
65) n-Nitrosodiphenylamine	10.22	169	577295	47.87	ng		98	
66) 4-Bromophenyl-phenylether	10.67	248	165471	48.06	ng		96	
67) Hexachlorobenzene	10.74	284	154991	44.67	ng	#	85	
68) Atrazine	10.90	200	169013	46.85	ng		95	
69) Pentachlorophenol	10.99	266	103989	75.48	ng		99	
70) Phenanthrene	11.24	178	848151	43.44	ng		99	
71) Anthracene	11.30	178	872322	43.19	ng		98	
72) Carbazole	11.51	167	800363	42.22	ng		98	
73) Di-n-butylphthalate	11.96	149	1038671	49.76	ng		98	
74) Fluoranthene	12.70	202	763545	37.73	ng		99	
76) Benzidine	12.87	184	267731	27.58	ng	#	93	
77) Pyrene	12.97	202	755703	45.12	ng		98	
79) Butylbenzylphthalate	13.80	149	357570	48.72	ng	#	87	
80) Benzo(a)anthracene	14.45	228	617026	44.29	ng		97	
81) 3,3'-Dichlorobenzidine	14.42	252	207180	42.01	ng	#	95	
82) Chrysene	14.49	228	557397	43.78	ng		98	
83) Bis(2-ethylhexyl)phthalate	14.51	149	505359	51.28	ng	#	98	
84) Di-n-octyl phthalate	15.27	149	818119	49.49	ng		98	
85) Indeno(1,2,3-cd)pyrene	17.36	276	521374	43.03	ng		100	
87) Benzo(b)fluoranthene	15.68	252	588580	41.82	ng		98	
88) Benzo(k)fluoranthene	15.71	252	591221	44.39	ng		96	
89) Benzo(a)pyrene	16.03	252	559224	42.71	ng		99	
90) Dibenzo(a,h)anthracene	17.38	278	440626	40.53	ng		99	
91) Benzo(g,h,i)perylene	17.73	276	414037	37.41	ng		97	

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

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