Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012418\
Data File : BF102408.D
Acq On : 24 Jan 2018 23:41
Operator : SJ/JU
Sample : J1236-04MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20A-5MS

Manual Integrations APPROVED
Sohil
1/25/2018 5:30:37 PM

Quant Time: Jan 25 09:48:46 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 25 05:43:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	99038m	20.00	ng		0.02
21) Naphthalene-d8	8.02	136	407806m	20.00	ng		0.02
38) Acenaphthene-d10	9.75	164	218379	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	320551	20.00	ng		0.00
75) Chrysene-d12	13.88	240	225784	20.00	ng		0.00
86) Perylene-d12	15.30	264	247369	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	285141	43.65	ng		0.04
7) Phenol-d6	6.38	99	1059468	134.54	ng		0.02
23) Nitrobenzene-d5	7.30	82	545510	76.87	ng		0.02
41) 2,4,6-Tribromophenol	10.55	330	194692	89.98	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1146511	77.19	ng		0.00
78) Terphenyl-d14	12.83	244	755955	75.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	143920m	46.375	ng		
3) Pyridine	3.15	79	372972m	45.988	ng		
4) n-Nitrosodimethylamine	3.12	42	189781m	59.689	ng		
6) Aniline	6.40	93	203926m	19.579	ng		
8) 2-Chlorophenol	6.52	128	316159	46.175	ng		98
10) Phenol	6.39	94	419176	48.759	ng		77
11) bis(2-Chloroethyl)ether	6.48	93	277636	42.461	ng	#	87
12) 1,3-Dichlorobenzene	6.68	146	315714	38.771	ng		99
13) 1,4-Dichlorobenzene	6.75	146	240274m	29.456	ng		
14) 1,2-Dichlorobenzene	6.91	146	318548	42.694	ng	#	90
15) Benzyl Alcohol	6.88	79	234845m	42.268	ng		
16) 2,2'-oxybis(1-Chloropropan	7.02	45	266446	24.297	ng	#	1
17) 2-Methylphenol	7.00	107	304751	51.249	ng	#	83
18) Hexachloroethane	7.24	117	173479m	61.031	ng		
19) n-Nitroso-di-n-propylamine	7.16	70	374632m	77.740	ng		
20) 3+4-Methylphenols	7.15	107	416732	59.586	ng	#	73
22) Acetophenone	7.13	105	768964m	79.100	ng		
24) Nitrobenzene	7.32	77	270930m	37.307	ng		
25) Isophorone	7.56	82	735223m	58.116	ng		
26) 2-Nitrophenol	7.63	139	123331m	32.267	ng		
27) 2,4-Dimethylphenol	7.67	122	255744	46.080	ng		90
28) bis(2-Chloroethoxy)methane	7.76	93	252093m	32.258	ng		
29) 2,4-Dichlorophenol	7.88	162	254908	45.089	ng		99
30) 1,2,4-Trichlorobenzene	7.96	180	231021	38.121	ng		99
31) Naphthalene	8.05	128	2351408	115.485	ng		98
32) Benzoic acid	7.87	122	129829m	27.921	ng		
33) 4-Chloroaniline	8.09	127	89297m	10.429	ng		
34) Hexachlorobutadiene	8.15	225	142549	44.041	ng		99
35) Caprolactam	8.49	113	88062m	47.165	ng		
36) 4-Chloro-3-methylphenol	8.57	107	297781	49.971	ng		98
37) 2-Methylnaphthalene	8.72	142	943840	69.605	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	255772	38.929	ng		99
40) Hexachlorocyclopentadiene	8.86	237	65152	22.158	ng		94
42) 2,4,6-Trichlorophenol	9.00	196	161488	36.717	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	185407	37.440	ng		97
45) 1,1'-Biphenyl	9.18	154	752472	38.536	ng		98
46) 2-Chloronaphthalene	9.20	162	594231	39.151	ng		98
47) 2-Nitroaniline	9.31	65	192730	40.730	ng		97
48) Acenaphthylene	9.62	152	819914	34.675	ng		99
49) Dimethylphthalate	9.49	163	850792	47.134	ng		100
50) 2,6-Dinitrotoluene	9.55	165	143887	36.973	ng		88
51) Acenaphthene	9.79	154	499843	36.194	ng		99
52) 3-Nitroaniline	9.72	138	78150	16.975	ng		95
53) 2,4-Dinitrophenol	9.83	184	9091	8.662	ng	#	24
54) Dibenzofuran	9.96	168	668992	35.794	ng		99
55) 4-Nitrophenol	9.90	139	200483	65.971	ng		95
56) 2,4-Dinitrotoluene	9.96	165	148844	31.102	ng	#	82
57) Fluorene	10.30	166	546598	36.907	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	136302	38.549	ng		99
59) Diethylphthalate	10.18	149	657785	37.501	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	235719	36.711	ng		97
61) 4-Nitroaniline	10.33	138	155157	33.774	ng		92
62) Azobenzene	10.46	77	559241	34.823	ng		96
64) 4,6-Dinitro-2-methylphenol	10.36	198	11804	5.520	ng		87
65) n-Nitrosodiphenylamine	10.42	169	500305	42.523	ng		100
66) 4-Bromophenyl-phenylether	10.79	248	142859	41.400	ng	#	90
67) Hexachlorobenzene	10.85	284	139199	36.069	ng		92
68) Atrazine	10.97	200	146124	42.052	ng		97
69) Pentachlorophenol	11.05	266	151066	74.515	ng		98
70) Phenanthrene	11.26	178	729775	39.069	ng		99
71) Anthracene	11.32	178	721820	37.860	ng		99
72) Carbazole	11.48	167	680497	36.586	ng		99
73) Di-n-butylphthalate	11.84	149	8189045	352.221	ng		99
74) Fluoranthene	12.46	202	636306	33.405	ng		98
77) Pyrene	12.69	202	607355	34.792	ng		99
79) Butylbenzylphthalate	13.30	149	291064	33.504	ng		98
80) Benzo(a)anthracene	13.87	228	544891	39.199	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	53287	10.450	ng		99
82) Chrysene	13.91	228	523283	37.070	ng		98
83) Bis(2-ethylhexyl)phthalate	13.86	149	485536	41.588	ng		99
84) Di-n-octyl phthalate	14.47	149	713128	37.560	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.70	276	530731	45.525	ng		98
87) Benzo(b)fluoranthene	14.90	252	567954	35.424	ng		97
88) Benzo(k)fluoranthene	14.93	252	567149	37.441	ng		99
89) Benzo(a)pyrene	15.24	252	550136	38.045	ng	#	96
90) Dibenzo(a,h)anthracene	16.72	278	447092	38.169	ng		97
91) Benzo(g,h,i)perylene	17.12	276	421671	36.459	ng		97

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

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