Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051116\
Data File : BF086898.D
Acq On : 11 May 2016 20:07
Operator : UM/SJ
Sample : H2809-01MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-SF-003MSD

Manual Integrations APPROVED
umangi
5/12/2016 9:10:02 AM

Quant Time: May 12 01:13:10 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 01:06:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	158555	20.00	ng		-0.01
21) Naphthalene-d8	7.92	136	667242	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	313124	20.00	ng		-0.01
63) Phenanthrene-d10	11.14	188	580775	20.00	ng		-0.01
75) Chrysene-d12	13.77	240	396574	20.00	ng		-0.01
86) Perylene-d12	15.13	264	355447	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1025946	109.58	ng		0.01
7) Phenol-d6	6.30	99	1242452	99.30	ng		-0.01
23) Nitrobenzene-d5	7.21	82	902372	67.91	ng		-0.01
41) 2,4,6-Tribromophenol	10.46	330	332952	100.44	ng		-0.01
44) 2-Fluorobiphenyl	9.00	172	1487399	79.83	ng		0.00
78) Terphenyl-d14	12.73	244	1275094	68.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	125800	27.37	ng	#	64
3) Pyridine	2.81	79	328344	29.22	ng	#	68
4) n-Nitrosodimethylamine	2.76	42	270894	33.25	ng	#	53
6) Aniline	6.30	93	279045	18.44	ng	#	54
8) 2-Chlorophenol	6.42	128	387506	34.30	ng		91
9) Benzaldehyde	6.18	77	41260	5.69	ng		96
10) Phenol	6.31	94	420485	28.27	ng	#	47
11) bis(2-Chloroethyl)ether	6.38	93	419069	36.14	ng		86
12) 1,3-Dichlorobenzene	6.57	146	401102	32.81	ng		98
13) 1,4-Dichlorobenzene	6.65	146	405071	32.49	ng		97
14) 1,2-Dichlorobenzene	6.80	146	354780	32.65	ng		96
15) Benzyl Alcohol	6.80	79	294416	34.07	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.92	45	782563	31.04	ng		83
17) 2-Methylphenol	6.91	107	299263	33.29	ng	#	81
18) Hexachloroethane	7.14	117	157365	33.55	ng		94
19) n-Nitroso-di-n-propylamine	7.06	70	302418	34.58	ng	#	68
20) 3+4-Methylphenols	7.07	107	415385	35.38	ng	#	62
22) Acetophenone	7.05	105	527639	33.48	ng	#	96
24) Nitrobenzene	7.22	77	410221	30.01	ng		96
25) Isophorone	7.46	82	770056	31.23	ng		97
26) 2-Nitrophenol	7.54	139	194345	32.34	ng	#	76
27) 2,4-Dimethylphenol	7.60	122	349667	34.16	ng		90
28) bis(2-Chloroethoxy)methane	7.69	93	469888	35.33	ng		99
29) 2,4-Dichlorophenol	7.79	162	324814	36.05	ng		99
30) 1,2,4-Trichlorobenzene	7.86	180	331910	32.95	ng		96
31) Naphthalene	7.94	128	1127483	33.74	ng		99
32) Benzoic acid	7.70	122	31850	5.30	ng	#	80
33) 4-Chloroaniline	8.01	127	212001	16.33	ng		98
34) Hexachlorobutadiene	8.06	225	186028	31.83	ng		99
35) Caprolactam	8.38	113	96076m	31.34	ng		
36) 4-Chloro-3-methylphenol	8.50	107	345504	31.62	ng		87
37) 2-Methylnaphthalene	8.63	142	705629	36.12	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	309821	34.03	ng		97
40) Hexachlorocyclopentadiene	8.79	237	265038	61.33	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	211577	34.75	ng		93
43) 2,4,5-Trichlorophenol	8.97	196	224829	35.71	ng	#	91
45) 1,1'-Biphenyl	9.10	154	829418	33.30	ng		96
46) 2-Chloronaphthalene	9.12	162	655831	33.61	ng		94
47) 2-Nitroaniline	9.23	65	261349	36.65	ng		97
48) Acenaphthylene	9.53	152	976227	34.01	ng		99
49) Dimethylphthalate	9.42	163	994066	41.61	ng		99
50) 2,6-Dinitrotoluene	9.47	165	187485	37.29	ng		96
51) Acenaphthene	9.70	154	601302	33.68	ng		99
52) 3-Nitroaniline	9.64	138	127147	24.02	ng		100
53) 2,4-Dinitrophenol	9.75	184	109606	46.25	ng	#	72
54) Dibenzofuran	9.87	168	831239	36.27	ng		94
55) 4-Nitrophenol	9.83	139	206300	59.68	ng	#	42
56) 2,4-Dinitrotoluene	9.87	165	205915	33.10	ng	#	64
57) Fluorene	10.22	166	678159	34.70	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.00	232	178415	37.64	ng		96
59) Diethylphthalate	10.11	149	789775	33.93	ng		95
60) 4-Chlorophenyl-phenylether	10.22	204	333980	37.70	ng	#	82
61) 4-Nitroaniline	10.26	138	194311	38.22	ng	#	81
62) Azobenzene	10.38	77	926610	36.89	ng		87
64) 4,6-Dinitro-2-methylphenol	10.28	198	126353	35.02	ng		86
65) n-Nitrosodiphenylamine	10.34	169	646426	36.23	ng		100
66) 4-Bromophenyl-phenylether	10.70	248	193919	32.93	ng		94
67) Hexachlorobenzene	10.76	284	241249	35.06	ng		96
68) Atrazine	10.87	200	185956	31.20	ng		95
69) Pentachlorophenol	10.96	266	226789	71.31	ng		95
70) Phenanthrene	11.18	178	1118516	36.09	ng		99
71) Anthracene	11.22	178	1019535	32.16	ng		100
72) Carbazole	11.38	167	904170	33.18	ng		98
73) Di-n-butylphthalate	11.73	149	1265409	38.03	ng		99
74) Fluoranthene	12.35	202	1129682	35.44	ng		95
76) Benzidine	12.49	184	210799	20.85	ng		96
77) Pyrene	12.58	202	1124932	37.05	ng		100
79) Butylbenzylphthalate	13.21	149	524800	40.87	ng		90
80) Benzo(a)anthracene	13.76	228	817751	36.73	ng		99
81) 3,3'-Dichlorobenzidine	13.74	252	175582	12.41	ng	#	95
82) Chrysene	13.79	228	796867	35.19	ng		99
83) Bis(2-ethylhexyl)phthalate	13.77	149	625884	40.52	ng		97
84) Di-n-octyl phthalate	14.38	149	1029453	40.23	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.39	276	695528	36.91	ng		95
87) Benzo(b)fluoranthene	14.77	252	831294m	35.99	ng		
88) Benzo(k)fluoranthene	14.79	252	637457m	33.70	ng		
89) Benzo(a)pyrene	15.09	252	682185	34.24	ng	#	96
90) Dibenzo(a,h)anthracene	16.40	278	579743	34.52	ng	#	95
91) Benzo(g,h,i)perylene	16.77	276	580799	34.04	ng	#	91

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

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