Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
Data File : BF085039.D
Acq On : 12 Feb 2016 4:12
Operator : SJ/IZ
Sample : H1410-01MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B004(16-18)MSD

Manual Integrations APPROVED
Sohil
2/12/2016 12:27:47 PM

Quant Time: Feb 12 04:43:29 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	142294	20.00	ng		-0.02
21) Naphthalene-d8	7.90	136	592502	20.00	ng		-0.02
38) Acenaphthene-d10	9.64	164	275235	20.00	ng		-0.02
63) Phenanthrene-d10	11.13	188	522705	20.00	ng		-0.01
75) Chrysene-d12	13.76	240	323809	20.00	ng		-0.01
86) Perylene-d12	15.11	264	306784	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1096291	120.00	ng		0.01
7) Phenol-d6	6.27	99	1371480	121.10	ng		-0.01
23) Nitrobenzene-d5	7.19	82	956946	90.98	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	416468	145.06	ng		-0.01
44) 2-Fluorobiphenyl	8.98	172	1627446	110.83	ng		-0.01
78) Terphenyl-d14	12.72	244	1656976	115.96	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	155494	38.86	ng	#	68
3) Pyridine	2.83	79	367071	35.21	ng	#	78
4) n-Nitrosodimethylamine	2.78	42	232001	43.02	ng		83
6) Aniline	6.27	93	152051	10.97	ng	#	25
8) 2-Chlorophenol	6.40	128	478436	46.27	ng		93
9) Benzaldehyde	6.16	77	120750	18.05	ng	#	67
10) Phenol	6.28	94	454990	35.86	ng		96
11) bis(2-Chloroethyl)ether	6.36	93	495842	50.12	ng		94
12) 1,3-Dichlorobenzene	6.55	146	470335	43.05	ng	#	94
13) 1,4-Dichlorobenzene	6.63	146	482589	44.19	ng		96
14) 1,2-Dichlorobenzene	6.78	146	421621	41.45	ng		93
15) Benzyl Alcohol	6.78	79	419056	53.58	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	713834	42.89	ng		69
17) 2-Methylphenol	6.90	107	371015	45.37	ng	#	84
18) Hexachloroethane	7.12	117	203907	48.48	ng		98
19) n-Nitroso-di-n-propylamine	7.05	70	356625	50.23	ng	#	85
20) 3+4-Methylphenols	7.05	107	493795	48.65	ng		87
22) Acetophenone	7.04	105	724674	46.41	ng	#	94
24) Nitrobenzene	7.21	77	527470	46.83	ng	#	85
25) Isophorone	7.45	82	951831	46.54	ng		99
26) 2-Nitrophenol	7.52	139	248590	44.75	ng	#	84
27) 2,4-Dimethylphenol	7.58	122	437177	45.24	ng		94
28) bis(2-Chloroethoxy)methane	7.67	93	632392	52.12	ng		98
29) 2,4-Dichlorophenol	7.77	162	410399	49.64	ng		98
30) 1,2,4-Trichlorobenzene	7.84	180	419636	44.94	ng		96
31) Naphthalene	7.92	128	1464703	49.28	ng		99
32) Benzoic acid	7.72	122	216157	34.98	ng		96
33) 4-Chloroaniline	7.98	127	93592	7.61	ng		95
34) Hexachlorobutadiene	8.04	225	241727	44.89	ng		99
35) Caprolactam	8.36	113	109783m	43.08	ng		
36) 4-Chloro-3-methylphenol	8.49	107	464010	49.20	ng		92
37) 2-Methylnaphthalene	8.62	142	1037248	55.76	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	374374	42.83	ng		99
40) Hexachlorocyclopentadiene	8.76	237	289214	76.37	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	277592	49.29	ng		97
43) 2,4,5-Trichlorophenol	8.95	196	254050	44.40	ng	#	81
45) 1,1'-Biphenyl	9.08	154	1161021	47.23	ng		95
46) 2-Chloronaphthalene	9.10	162	804789	44.45	ng		96
47) 2-Nitroaniline	9.21	65	306566	53.48	ng	#	79
48) Acenaphthylene	9.51	152	1242720	45.23	ng		98
49) Dimethylphthalate	9.39	163	970235	46.28	ng	#	90
50) 2,6-Dinitrotoluene	9.45	165	195598	42.71	ng	#	48
51) Acenaphthene	9.68	154	802936	44.92	ng		96
52) 3-Nitroaniline	9.62	138	72390	14.07	ng	#	72
53) 2,4-Dinitrophenol	9.74	184	107012	52.76	ng		89
54) Dibenzofuran	9.86	168	1203623	55.10	ng		99
55) 4-Nitrophenol	9.80	139	233970	61.86	ng	#	70
56) 2,4-Dinitrotoluene	9.86	165	303839	52.02	ng	#	92
57) Fluorene	10.19	166	882257	48.36	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	240424	55.20	ng	#	85
59) Diethylphthalate	10.09	149	942443	46.04	ng		99
60) 4-Chlorophenyl-phenylether	10.19	204	395740	52.91	ng		96
61) 4-Nitroaniline	10.24	138	234689	46.80	ng		86
62) Azobenzene	10.35	77	1040130	52.84	ng		92
64) 4,6-Dinitro-2-methylphenol	10.26	198	104820	32.49	ng	#	53
65) n-Nitrosodiphenylamine	10.32	169	822320	49.54	ng		100
66) 4-Bromophenyl-phenylether	10.68	248	294121	50.95	ng		99
67) Hexachlorobenzene	10.74	284	282866	44.97	ng	#	88
68) Atrazine	10.86	200	296480	56.56	ng		97
69) Pentachlorophenol	10.95	266	242598	82.06	ng		98
70) Phenanthrene	11.15	178	1388064	47.88	ng		97
71) Anthracene	11.21	178	1364707	46.72	ng		99
72) Carbazole	11.37	167	1298890	50.99	ng		98
73) Di-n-butylphthalate	11.70	149	1422445	43.86	ng	#	97
74) Fluoranthene	12.33	202	1240105	42.26	ng		99
76) Benzidine	12.47	184	210336	20.13	ng		97
77) Pyrene	12.56	202	1259234	50.79	ng		98
79) Butylbenzylphthalate	13.20	149	614040	54.60	ng	#	82
80) Benzo(a)anthracene	13.75	228	999509	49.73	ng		99
81) 3,3'-Dichlorobenzidine	13.71	252	89624	12.59	ng	#	90
82) Chrysene	13.78	228	883848m	45.35	ng		
83) Bis(2-ethylhexyl)phthalate	13.76	149	772891	55.22	ng	#	97
84) Di-n-octyl phthalate	14.37	149	1151389	49.86	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.37	276	962130	62.72	ng		99
87) Benzo(b)fluoranthene	14.75	252	1079919m	52.39	ng		
88) Benzo(k)fluoranthene	14.78	252	681084m	39.96	ng		
89) Benzo(a)pyrene	15.06	252	817495	46.55	ng	#	97
90) Dibenzo(a,h)anthracene	16.38	278	782967	52.96	ng		96
91) Benzo(g,h,i)perylene	16.74	276	803922	53.98	ng		97

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

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