Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
Data File : BF086179.D
Acq On : 8 Apr 2016 20:24
Operator : UM/SJ
Sample : H2282-12MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-08(0.5-20.0)MS

Manual Integrations APPROVED
Sohil
4/11/2016 5:45:15 PM

Quant Time: Apr 09 00:21:30 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	103962	20.00	ng		-0.05
21) Naphthalene-d8	8.02	136	406720	20.00	ng		-0.05
38) Acenaphthene-d10	9.77	164	192293	20.00	ng		-0.05
63) Phenanthrene-d10	11.24	188	348894	20.00	ng		-0.06
75) Chrysene-d12	13.88	240	271227	20.00	ng		-0.05
86) Perylene-d12	15.28	264	190676	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	761220	125.16	ng		-0.03
7) Phenol-d6	6.38	99	926948	119.99	ng		-0.03
23) Nitrobenzene-d5	7.30	82	543619	78.82	ng		-0.05
41) 2,4,6-Tribromophenol	10.56	330	213960	118.55	ng		-0.05
44) 2-Fluorobiphenyl	9.09	172	1011153	87.43	ng		-0.05
78) Terphenyl-d14	12.83	244	957441	82.98	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	104651	36.29	ng		99
3) Pyridine	2.98	79	258650	40.07	ng		99
4) n-Nitrosodimethylamine	2.93	42	122779	43.25	ng		99
6) Aniline	6.40	93	255445	25.20	ng	#	13
8) 2-Chlorophenol	6.51	128	287967	39.70	ng		88
9) Benzaldehyde	6.28	77	96347	23.18	ng		94
10) Phenol	6.40	94	389768	44.23	ng		88
11) bis(2-Chloroethyl)ether	6.46	93	292242	41.88	ng		93
12) 1,3-Dichlorobenzene	6.67	146	304605	39.62	ng		98
13) 1,4-Dichlorobenzene	6.74	146	307814	38.86	ng		99
14) 1,2-Dichlorobenzene	6.90	146	289194	39.67	ng		100
15) Benzyl Alcohol	6.89	79	221730	44.36	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.01	45	316924	37.18	ng		77
17) 2-Methylphenol	7.00	107	246782	43.15	ng		97
18) Hexachloroethane	7.23	117	110045	37.78	ng	#	83
19) n-Nitroso-di-n-propylamine	7.15	70	189053	39.48	ng		94
20) 3+4-Methylphenols	7.16	107	307701	44.24	ng	#	62
22) Acetophenone	7.15	105	404394	42.30	ng	#	89
24) Nitrobenzene	7.32	77	320228	42.44	ng		89
25) Isophorone	7.56	82	582615	42.79	ng		96
26) 2-Nitrophenol	7.64	139	161639	44.78	ng		91
27) 2,4-Dimethylphenol	7.69	122	274736	42.37	ng		93
28) bis(2-Chloroethoxy)methane	7.77	93	334454	41.87	ng		98
29) 2,4-Dichlorophenol	7.88	162	247273	45.11	ng		97
30) 1,2,4-Trichlorobenzene	7.96	180	258212	41.97	ng		95
31) Naphthalene	8.03	128	808788	39.53	ng		100
32) Benzoic acid	7.81	122	75556	15.88	ng		94
33) 4-Chloroaniline	8.10	127	126904	15.36	ng		99
34) Hexachlorobutadiene	8.16	225	129444	39.13	ng		99
35) Caprolactam	8.46	113	75169m	43.23	ng		
36) 4-Chloro-3-methylphenol	8.59	107	257288	41.75	ng		98
37) 2-Methylnaphthalene	8.73	142	556271	41.62	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	234090	40.50	ng		99
40) Hexachlorocyclopentadiene	8.88	237	135318	68.73	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	154463	41.62	ng		100
43) 2,4,5-Trichlorophenol	9.06	196	167032	44.33	ng	#	88
45) 1,1'-Biphenyl	9.20	154	639728	38.58	ng		94
46) 2-Chloronaphthalene	9.22	162	505871	42.09	ng		99
47) 2-Nitroaniline	9.32	65	160613	45.67	ng		98
48) Acenaphthylene	9.63	152	801016	41.60	ng		99
49) Dimethylphthalate	9.49	163	734262	51.52	ng		99
50) 2,6-Dinitrotoluene	9.56	165	118242	39.21	ng		98
51) Acenaphthene	9.80	154	477801	41.73	ng		98
52) 3-Nitroaniline	9.73	138	95701	26.33	ng		99
53) 2,4-Dinitrophenol	9.86	184	88316	52.40	ng	#	71
54) Dibenzofuran	9.97	168	668946	44.24	ng		100
55) 4-Nitrophenol	9.92	139	162228	75.72	ng		96
56) 2,4-Dinitrotoluene	9.97	165	160096	42.02	ng	#	60
57) Fluorene	10.32	166	549007	42.50	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	132958	47.39	ng		94
59) Diethylphthalate	10.19	149	550754	38.29	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	244386	40.61	ng		98
61) 4-Nitroaniline	10.35	138	140724	39.32	ng		93
62) Azobenzene	10.46	77	627207	45.52	ng		100
64) 4,6-Dinitro-2-methylphenol	10.38	198	87277	41.28	ng	#	74
65) n-Nitrosodiphenylamine	10.43	169	489451	44.86	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	160449	45.04	ng	#	92
67) Hexachlorobenzene	10.86	284	172856	46.93	ng		97
68) Atrazine	10.96	200	132449	37.57	ng		97
69) Pentachlorophenol	11.06	266	127570	73.90	ng		99
70) Phenanthrene	11.28	178	813007	42.71	ng		99
71) Anthracene	11.32	178	778863	39.06	ng		100
72) Carbazole	11.48	167	688679	40.18	ng		99
73) Di-n-butylphthalate	11.81	149	941624	44.34	ng		100
74) Fluoranthene	12.45	202	772706	39.03	ng		99
76) Benzidine	12.58	184	247009	25.81	ng		99
77) Pyrene	12.68	202	766463	40.10	ng		99
79) Butylbenzylphthalate	13.30	149	369025	42.88	ng	#	71
80) Benzo(a)anthracene	13.87	228	623418	38.99	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	132780	11.37	ng		99
82) Chrysene	13.91	228	579296	37.62	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	476111	41.68	ng		100
84) Di-n-octyl phthalate	14.48	149	819166	44.91	ng		98
85) Indeno(1,2,3-cd)pyrene	16.61	276	472425	37.81	ng		99
87) Benzo(b)fluoranthene	14.89	252	521296m	43.46	ng		
88) Benzo(k)fluoranthene	14.91	252	461382m	43.44	ng		
89) Benzo(a)pyrene	15.22	252	450973	42.43	ng		99
90) Dibenzo(a,h)anthracene	16.61	278	395825	46.29	ng		98
91) Benzo(g,h,i)perylene	17.01	276	394797	47.71	ng	#	94

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

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