Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101257.D
Acq On : 9 Dec 2017 00:56
Operator : SJ/JU
Sample : I6746-01MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-109-4(0-5)MSD

Quant Time: Dec 09 04:10:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	40834	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	160193	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	69898	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	117954	20.00	ng		0.00
75) Chrysene-d12	14.01	240	82584	20.00	ng		0.00
86) Perylene-d12	15.48	264	67708	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	399349	161.61	ng		0.02
7) Phenol-d6	6.47	99	487592	162.52	ng		0.01
23) Nitrobenzene-d5	7.40	82	295291	109.96	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	116720	139.01	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	621852	121.72	ng		0.00
78) Terphenyl-d14	12.94	244	492231	130.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	41866	40.971	ng		95
3) Pyridine	3.40	79	118906	44.888	ng		97
4) n-Nitrosodimethylamine	3.35	42	67821	52.420	ng		94
6) Aniline	6.50	93	137058	35.131	ng		95
8) 2-Chlorophenol	6.62	128	144530	53.641	ng		95
9) Benzaldehyde	6.38	77	45095	24.558	ng		100
10) Phenol	6.49	94	197251	59.128	ng		83
11) bis(2-Chloroethyl)ether	6.57	93	133240	53.248	ng		99
12) 1,3-Dichlorobenzene	6.77	146	161246	51.396	ng		99
13) 1,4-Dichlorobenzene	6.85	146	162039	49.886	ng		98
14) 1,2-Dichlorobenzene	7.00	146	152866	50.455	ng		99
15) Benzyl Alcohol	6.97	79	117999	50.923	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	202651	59.580	ng		93
17) 2-Methylphenol	7.09	107	116595	53.591	ng	#	91
18) Hexachloroethane	7.33	117	41821	40.075	ng		93
19) n-Nitroso-di-n-propylamine	7.25	70	99724	49.356	ng		93
20) 3+4-Methylphenols	7.25	107	149222	52.591	ng	#	73
22) Acetophenone	7.25	105	190058	49.108	ng	#	88
24) Nitrobenzene	7.42	77	142159	54.014	ng		99
25) Isophorone	7.65	82	263108	57.360	ng		99
26) 2-Nitrophenol	7.73	139	62260	43.093	ng	#	89
27) 2,4-Dimethylphenol	7.77	122	121834	58.293	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	166237	53.922	ng		97
29) 2,4-Dichlorophenol	7.97	162	125332	55.091	ng		96
30) 1,2,4-Trichlorobenzene	8.06	180	131571	52.595	ng		96
31) Naphthalene	8.13	128	416448	52.747	ng		99
32) Benzoic acid	7.86	122	6274	3.860	ng	#	81
33) 4-Chloroaniline	8.19	127	82746	26.084	ng		98
34) Hexachlorobutadiene	8.25	225	78010	50.844	ng		99
35) Caprolactam	8.57	113	34328m	48.418	ng		
36) 4-Chloro-3-methylphenol	8.68	107	126120	53.518	ng		99
37) 2-Methylnaphthalene	8.83	142	278760	51.963	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	127262	50.118	ng	#	96
40) Hexachlorocyclopentadiene	8.97	237	15984	23.678	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	82908	55.698	ng		100
43) 2,4,5-Trichlorophenol	9.16	196	87615	55.057	ng		94
45) 1,1'-Biphenyl	9.29	154	323501	50.515	ng		97
46) 2-Chloronaphthalene	9.32	162	252875	55.601	ng		95
47) 2-Nitroaniline	9.42	65	76547	56.887	ng		96
48) Acenaphthylene	9.73	152	378699	50.667	ng		99
49) Dimethylphthalate	9.59	163	349458	61.992	ng		99
50) 2,6-Dinitrotoluene	9.66	165	56729	47.780	ng		90
51) Acenaphthene	9.90	154	223358	49.907	ng		99
52) 3-Nitroaniline	9.83	138	72598	54.372	ng		96
53) 2,4-Dinitrophenol	9.96	184	4743	12.127	ng	#	20
54) Dibenzofuran	10.08	168	332421	51.542	ng		98
55) 4-Nitrophenol	10.00	139	72846	80.898	ng		96
56) 2,4-Dinitrotoluene	10.07	165	66283	41.656	ng	#	94
57) Fluorene	10.42	166	258723	49.347	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.20	232	64078	50.290	ng	#	86
59) Diethylphthalate	10.29	149	293420	52.772	ng		96
60) 4-Chlorophenyl-phenylether	10.41	204	129360	49.972	ng		92
61) 4-Nitroaniline	10.45	138	70145	50.609	ng		92
62) Azobenzene	10.57	77	234474	49.692	ng		96
64) 4,6-Dinitro-2-methylphenol	10.49	198	8460	10.693	ng		81
65) n-Nitrosodiphenylamine	10.53	169	240009	57.677	ng		96
66) 4-Bromophenyl-phenylether	10.90	248	79375	60.119	ng		91
67) Hexachlorobenzene	10.97	284	77637	54.866	ng	#	87
68) Atrazine	11.06	200	57064	44.705	ng		97
69) Pentachlorophenol	11.17	266	60957	78.347	ng		97
70) Phenanthrene	11.39	178	347603	53.513	ng		98
71) Anthracene	11.44	178	350966	53.385	ng		99
72) Carbazole	11.60	167	306665	51.054	ng		98
73) Di-n-butylphthalate	11.92	149	418439	55.578	ng		98
74) Fluoranthene	12.58	202	338965	47.076	ng		93
76) Benzidine	12.70	184	146263	54.464	ng		96
77) Pyrene	12.81	202	339976	59.660	ng		98
79) Butylbenzylphthalate	13.42	149	149205	59.387	ng		90
80) Benzo(a)anthracene	14.00	228	277555	53.230	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	101224	56.055	ng	#	98
82) Chrysene	14.04	228	257424	53.159	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	206048	57.518	ng		100
84) Di-n-octyl phthalate	14.58	149	321497	53.901	ng		98
85) Indeno(1,2,3-cd)pyrene	16.97	276	206783	48.031	ng	#	92
87) Benzo(b)fluoranthene	15.05	252	237892m	58.659	ng		
88) Benzo(k)fluoranthene	15.08	252	201634	50.464	ng		98
89) Benzo(a)pyrene	15.42	252	204486	55.462	ng		97
90) Dibenzo(a,h)anthracene	16.97	278	171677	52.817	ng	#	96
91) Benzo(g,h,i)perylene	17.42	276	163937	53.517	ng	#	91

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

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