Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101256.D
Acq On : 9 Dec 2017 00:28
Operator : SJ/JU
Sample : I6746-01MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Dec 09 04:00:09 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	36302	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	128828	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	51763	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	89918	20.00	ng		0.00
75) Chrysene-d12	14.01	240	78384	20.00	ng		0.00
86) Perylene-d12	15.48	264	62208	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	353401	160.87	ng		0.02
7) Phenol-d6	6.47	99	418590	156.94	ng		0.01
23) Nitrobenzene-d5	7.40	82	245620	113.73	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	86837	139.65	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	484952	128.18	ng		0.00
78) Terphenyl-d14	12.95	244	432091	120.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	39792	43.803	ng		96
3) Pyridine	3.39	79	105669	44.871	ng		98
4) n-Nitrosodimethylamine	3.34	42	61997	53.901	ng		92
6) Aniline	6.50	93	120757	34.817	ng		96
8) 2-Chlorophenol	6.62	128	123058	51.374	ng		92
9) Benzaldehyde	6.38	77	39089	23.945	ng		99
10) Phenol	6.49	94	167265	56.399	ng		86
11) bis(2-Chloroethyl)ether	6.57	93	115642	51.985	ng		100
12) 1,3-Dichlorobenzene	6.77	146	139966	50.182	ng		98
13) 1,4-Dichlorobenzene	6.85	146	144985	50.208	ng		97
14) 1,2-Dichlorobenzene	7.00	146	132373	49.146	ng		100
15) Benzyl Alcohol	6.97	79	97682	47.418	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	173778	57.470	ng		94
17) 2-Methylphenol	7.09	107	97633	50.478	ng		94
18) Hexachloroethane	7.33	117	31080	33.501	ng		95
19) n-Nitroso-di-n-propylamine	7.25	70	84070	46.803	ng		96
20) 3+4-Methylphenols	7.24	107	123658	49.022	ng	#	67
22) Acetophenone	7.24	105	161961	52.037	ng	#	88
24) Nitrobenzene	7.42	77	117586	55.554	ng		98
25) Isophorone	7.65	82	213521	57.882	ng		99
26) 2-Nitrophenol	7.73	139	41286	35.533	ng		99
27) 2,4-Dimethylphenol	7.77	122	97404	57.951	ng		100
28) bis(2-Chloroethoxy)methane	7.86	93	138846	56.002	ng		97
29) 2,4-Dichlorophenol	7.97	162	99943	54.627	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	107815	53.592	ng		97
31) Naphthalene	8.13	128	332644	52.391	ng		100
32) Benzoic acid	7.86	122	4349	3.327	ng		93
33) 4-Chloroaniline	8.19	127	74793	29.317	ng		97
34) Hexachlorobutadiene	8.25	225	65620	53.182	ng		98
35) Caprolactam	8.56	113	26905m	47.187	ng		
36) 4-Chloro-3-methylphenol	8.67	107	92631	48.877	ng		96
37) 2-Methylnaphthalene	8.83	142	216586	50.203	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	97906	52.065	ng	#	96
40) Hexachlorocyclopentadiene	8.97	237	1526	10.171	ng		84

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	62124	56.357 ng		99
43) 2,4,5-Trichlorophenol	9.16	196	62958m	53.423 ng		
45) 1,1'-Biphenyl	9.29	154	244826	51.623 ng		98
46) 2-Chloronaphthalene	9.32	162	189078	56.139 ng		97
47) 2-Nitroaniline	9.42	65	58836	59.044 ng		97
48) Acenaphthylene	9.73	152	279115	50.427 ng		99
49) Dimethylphthalate	9.59	163	257203	61.612 ng		100
50) 2,6-Dinitrotoluene	9.66	165	37123	42.221 ng		93
51) Acenaphthene	9.90	154	168145	50.733 ng		98
52) 3-Nitroaniline	9.83	138	55388	56.016 ng		90
54) Dibenzofuran	10.07	168	243468	50.975 ng		99
55) 4-Nitrophenol	10.00	139	52771	79.136 ng		97
56) 2,4-Dinitrotoluene	10.07	165	40847	34.664 ng	#	91
57) Fluorene	10.42	166	193132	49.742 ng		100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	48192	51.073 ng	#	84
59) Diethylphthalate	10.29	149	215452	52.325 ng		98
60) 4-Chlorophenyl-phenylether	10.41	204	96397	50.284 ng		88
61) 4-Nitroaniline	10.45	138	56595	55.139 ng		95
62) Azobenzene	10.57	77	163777	46.869 ng		93
65) n-Nitrosodiphenylamine	10.53	169	172940	54.517 ng		96
66) 4-Bromophenyl-phenylether	10.90	248	57120	56.752 ng	#	89
67) Hexachlorobenzene	10.97	284	58267	54.016 ng	#	91
68) Atrazine	11.06	200	40381	41.499 ng		98
69) Pentachlorophenol	11.17	266	48767	82.222 ng		98
70) Phenanthrene	11.39	178	268058	54.134 ng		97
71) Anthracene	11.44	178	273521	54.578 ng		98
72) Carbazole	11.59	167	247984	54.157 ng		98
73) Di-n-butylphthalate	11.91	149	304021	52.972 ng		99
74) Fluoranthene	12.57	202	299555	54.574 ng		95
76) Benzidine	12.70	184	144900	56.848 ng		97
77) Pyrene	12.81	202	306854	56.733 ng		98
79) Butylbenzylphthalate	13.42	149	131494	55.142 ng		92
80) Benzo(a)anthracene	14.00	228	266090	53.766 ng		100
81) 3,3'-Dichlorobenzidine	13.96	252	97718	57.013 ng		98
82) Chrysene	14.04	228	246391	53.607 ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	188466	55.429 ng		99
84) Di-n-octyl phthalate	14.58	149	310828	54.904 ng		99
85) Indeno(1,2,3-cd)pyrene	16.97	276	184196	45.077 ng	#	92
87) Benzo(b)fluoranthene	15.05	252	221379	59.413 ng		98
88) Benzo(k)fluoranthene	15.08	252	182837	49.805 ng	#	95
89) Benzo(a)pyrene	15.42	252	186876	55.166 ng		97
90) Dibenzo(a,h)anthracene	16.97	278	155390	52.033 ng	#	95
91) Benzo(g,h,i)perylene	17.42	276	150308	53.407 ng	#	90

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

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