Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101272.D
Acq On : 9 Dec 2017 9:18
Operator : SJ/JU
Sample : I6744-01MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PROS-3-E(0-1)MSD

Quant Time: Dec 11 01:09:03 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	45033	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	164191	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	66114	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	112022	20.00	ng		0.00
75) Chrysene-d12	14.02	240	82901	20.00	ng		0.01
86) Perylene-d12	15.49	264	63499	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	299440	109.88	ng		0.02
7) Phenol-d6	6.48	99	436431	131.90	ng		0.02
23) Nitrobenzene-d5	7.40	82	270645	98.33	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	59572	75.01	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	471934	97.66	ng		0.00
78) Terphenyl-d14	12.94	244	367768	97.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	44086	39.121	ng		97
3) Pyridine	3.37	79	121843	41.708	ng		96
4) n-Nitrosodimethylamine	3.34	42	69510	48.716	ng	#	85
6) Aniline	6.50	93	110460	25.673	ng	#	85
8) 2-Chlorophenol	6.62	128	129332	43.525	ng		95
9) Benzaldehyde	6.38	77	43411	21.437	ng		91
10) Phenol	6.49	94	179185	48.704	ng		83
11) bis(2-Chloroethyl)ether	6.57	93	130107	47.148	ng		98
12) 1,3-Dichlorobenzene	6.77	146	155232	44.865	ng		97
13) 1,4-Dichlorobenzene	6.85	146	160023	44.672	ng		98
14) 1,2-Dichlorobenzene	7.00	146	147472	44.136	ng		96
15) Benzyl Alcohol	6.98	79	106945	41.849	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	191601	51.079	ng		86
17) 2-Methylphenol	7.09	107	110383	46.005	ng	#	93
18) Hexachloroethane	7.33	117	27265	23.691	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	93479	41.951	ng		92
20) 3+4-Methylphenols	7.25	107	140836	45.008	ng	#	64
22) Acetophenone	7.25	105	181731	45.813	ng	#	91
24) Nitrobenzene	7.42	77	130710	48.454	ng		98
25) Isophorone	7.65	82	243997	51.898	ng		99
26) 2-Nitrophenol	7.73	139	24697	16.678	ng		95
27) 2,4-Dimethylphenol	7.77	122	121132	56.546	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	155355	49.165	ng		98
29) 2,4-Dichlorophenol	7.98	162	99658	42.739	ng		95
30) 1,2,4-Trichlorobenzene	8.06	180	119118	46.458	ng		95
31) Naphthalene	8.14	128	375555	46.410	ng		100
33) 4-Chloroaniline	8.19	127	78167	24.041	ng		98
34) Hexachlorobutadiene	8.25	225	71430	45.422	ng		97
35) Caprolactam	8.56	113	29507	40.605	ng		97
36) 4-Chloro-3-methylphenol	8.68	107	105551	43.699	ng		97
37) 2-Methylnaphthalene	8.83	142	239832	43.618	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	108119	45.016	ng	#	95
42) 2,4,6-Trichlorophenol	9.11	196	45544	32.348	ng		97
43) 2,4,5-Trichlorophenol	9.16	196	54534	36.230	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.29	154	269555	44.500	ng		97
46) 2-Chloronaphthalene	9.32	162	209171	48.624	ng		96
47) 2-Nitroaniline	9.42	65	67132	52.746	ng		96
48) Acenaphthylene	9.73	152	309395	43.764	ng		99
49) Dimethylphthalate	9.59	163	311826	58.483	ng		99
50) 2,6-Dinitrotoluene	9.66	165	38907	34.645	ng	#	82
51) Acenaphthene	9.90	154	181439	42.861	ng		99
52) 3-Nitroaniline	9.83	138	64259m	50.881	ng		
54) Dibenzofuran	10.07	168	272060	44.597	ng		99
55) 4-Nitrophenol	10.00	139	21148	24.830	ng		93
56) 2,4-Dinitrotoluene	10.07	165	40842	27.137	ng	#	94
57) Fluorene	10.42	166	206854	41.712	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	27355	22.698	ng	#	88
59) Diethylphthalate	10.29	149	240198	45.673	ng		98
60) 4-Chlorophenyl-phenylether	10.41	204	103730	42.364	ng		92
61) 4-Nitroaniline	10.45	138	63088	48.123	ng		93
62) Azobenzene	10.57	77	176278	39.496	ng		95
65) n-Nitrosodiphenylamine	10.53	169	193162	48.877	ng		97
66) 4-Bromophenyl-phenylether	10.90	248	60273	48.069	ng		89
67) Hexachlorobenzene	10.97	284	60828	45.264	ng	#	88
68) Atrazine	11.06	200	42236	34.840	ng		97
69) Pentachlorophenol	11.17	266	19787	26.779	ng		97
70) Phenanthrene	11.39	178	371545	60.228	ng		98
71) Anthracene	11.44	178	304651	48.794	ng		99
72) Carbazole	11.60	167	262435	46.004	ng		99
73) Di-n-butylphthalate	11.92	149	328023	45.876	ng		99
74) Fluoranthene	12.58	202	424101	62.019	ng		95
76) Benzidine	12.70	184	129515	48.043	ng		96
77) Pyrene	12.82	202	408019	71.327	ng		99
79) Butylbenzylphthalate	13.42	149	130040	51.561	ng		94
80) Benzo(a)anthracene	14.00	228	281773	53.833	ng		98
81) 3,3'-Dichlorobenzidine	13.96	252	75709	41.765	ng	#	94
82) Chrysene	14.04	228	256780	52.823	ng		97
83) Bis(2-ethylhexyl)phthalate	13.97	149	188668	52.465	ng		99
84) Di-n-octyl phthalate	14.59	149	286122	47.787	ng		97
85) Indeno(1,2,3-cd)pyrene	16.98	276	171155	39.603	ng	#	91
87) Benzo(b)fluoranthene	15.06	252	199277	52.394	ng		99
88) Benzo(k)fluoranthene	15.09	252	183494m	48.968	ng		
89) Benzo(a)pyrene	15.43	252	178275	51.557	ng		99
90) Dibenzo(a,h)anthracene	16.99	278	138585	45.462	ng		96
91) Benzo(g,h,i)perylene	17.43	276	140318	48.843	ng	#	92

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

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