Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
Data File : BF109269.D
Acq On : 24 Sep 2018 16:00
Operator : JU/SJ
Sample : J5017-08MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-SOUTHEX-NW-LOW-061

Quant Time: Sep 24 17:07:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	109195	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	405376	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	165207	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	236421	20.00	ng		0.01
75) Chrysene-d12	13.87	240	186002	20.00	ng		0.02
86) Perylene-d12	15.28	264	174367	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	616375	92.97	ng		0.00
7) Phenol-d6	6.35	99	798906	94.44	ng		0.00
23) Nitrobenzene-d5	7.27	82	488564	71.15	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	151035	92.74	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	839909	76.68	ng		0.00
78) Terphenyl-d14	12.82	244	503017	66.37	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	75805	24.827	ng		93
3) Pyridine	3.09	79	212390	27.027	ng		92
4) n-Nitrosodimethylamine	3.00	42	110914	33.165	ng	#	97
6) Aniline	6.37	93	293335	27.102	ng	#	5
8) 2-Chlorophenol	6.50	128	241702	32.785	ng		94
9) Benzaldehyde	6.25	77	166118	30.567	ng		99
10) Phenol	6.36	94	306501	31.993	ng		78
11) bis(2-Chloroethyl)ether	6.45	93	241473	32.212	ng		97
12) 1,3-Dichlorobenzene	6.65	146	262743	30.954	ng		99
13) 1,4-Dichlorobenzene	6.73	146	265595	31.058	ng		99
14) 1,2-Dichlorobenzene	6.88	146	249314	31.604	ng		99
15) Benzyl Alcohol	6.85	79	217065	33.522	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	326967	30.749	ng		95
17) 2-Methylphenol	6.97	107	199832	33.499	ng		96
18) Hexachloroethane	7.22	117	90380	29.999	ng		97
19) n-Nitroso-di-n-propylamine	7.13	70	170279	30.718	ng		99
20) 3+4-Methylphenols	7.12	107	241606	33.547	ng	#	62
22) Acetophenone	7.12	105	334188	35.657	ng	#	93
24) Nitrobenzene	7.29	77	256082	35.072	ng		97
25) Isophorone	7.53	82	466933	37.760	ng		97
26) 2-Nitrophenol	7.61	139	116144	40.222	ng		96
27) 2,4-Dimethylphenol	7.65	122	212509	39.440	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	285325	34.856	ng		99
29) 2,4-Dichlorophenol	7.85	162	202093	35.698	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	207034	32.729	ng		98
31) Naphthalene	8.02	128	680155	35.905	ng		99
32) Benzoic acid	7.76	122	86850	27.158	ng		98
33) 4-Chloroaniline	8.06	127	225460	27.245	ng		99
34) Hexachlorobutadiene	8.14	225	125076	32.798	ng		98
35) Caprolactam	8.42	113	75818	41.949	ng		89
36) 4-Chloro-3-methylphenol	8.55	107	204019	34.248	ng		98
37) 2-Methylnaphthalene	8.70	142	442544	36.239	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	199539	37.951	ng		98
40) Hexachlorocyclopentadiene	8.86	237	26441	11.530	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	133541	39.574	ng		98
43) 2,4,5-Trichlorophenol	9.03	196	134374	37.704	ng	#	91
45) 1,1'-Biphenyl	9.17	154	496668	36.898	ng		97
46) 2-Chloronaphthalene	9.19	162	379097	35.254	ng		98
47) 2-Nitroaniline	9.28	65	118053	38.722	ng		91
48) Acenaphthylene	9.60	152	584635	36.039	ng		99
49) Dimethylphthalate	9.47	163	624742	51.992	ng	#	99
50) 2,6-Dinitrotoluene	9.53	165	90544	38.047	ng		92
51) Acenaphthene	9.78	154	332736	33.925	ng		99
52) 3-Nitroaniline	9.69	138	93739	34.013	ng		99
53) 2,4-Dinitrophenol	9.80	184	14733	24.105	ng	#	25
54) Dibenzofuran	9.95	168	470968	32.289	ng	#	95
55) 4-Nitrophenol	9.86	139	145901	70.275	ng		93
56) 2,4-Dinitrotoluene	9.93	165	107552	35.718	ng	#	98
57) Fluorene	10.29	166	357885	34.388	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	91708	32.499	ng	#	98
59) Diethylphthalate	10.17	149	397059	32.631	ng		97
60) 4-Chlorophenyl-phenylether	10.29	204	167527	30.819	ng		98
61) 4-Nitroaniline	10.30	138	85548	31.829	ng		93
62) Azobenzene	10.45	77	375663	29.715	ng		95
64) 4,6-Dinitro-2-methylphenol	10.34	198	14259	19.542	ng	#	1
65) n-Nitrosodiphenylamine	10.40	169	421032	53.901	ng		91
66) 4-Bromophenyl-phenylether	10.77	248	97015	36.953	ng		94
67) Hexachlorobenzene	10.85	284	96280	34.530	ng		95
68) Atrazine	10.93	200	99152	41.273	ng		92
69) Pentachlorophenol	11.04	266	97645	58.511	ng		98
70) Phenanthrene	11.25	178	510958	43.285	ng		97
71) Anthracene	11.30	178	447651	37.389	ng		98
72) Carbazole	11.46	167	382812	32.136	ng		96
73) Di-n-butylphthalate	11.80	149	426607	31.108	ng	#	97
74) Fluoranthene	12.45	202	378773	30.025	ng		96
76) Benzidine	12.56	184	196347	29.278	ng	#	88
77) Pyrene	12.68	202	450605	33.803	ng		97
79) Butylbenzylphthalate	13.29	149	175846	31.006	ng	#	88
80) Benzo(a)anthracene	13.86	228	409556	36.556	ng	#	95
81) 3,3'-Dichlorobenzidine	13.82	252	142336	33.430	ng	#	96
82) Chrysene	13.90	228	399438	35.971	ng		97
83) Bis(2-ethylhexyl)phthalate	13.86	149	234987	32.854	ng	#	96
84) Di-n-octyl phthalate	14.46	149	429813	35.146	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.63	276	315113	35.010	ng	#	91
87) Benzo(b)fluoranthene	14.88	252	352194	36.758	ng	#	90
88) Benzo(k)fluoranthene	14.90	252	310914	34.197	ng	#	88
89) Benzo(a)pyrene	15.22	252	315741	36.571	ng	#	92
90) Dibenzo(a,h)anthracene	16.64	278	263298	37.173	ng		96
91) Benzo(g,h,i)perylene	17.03	276	257715	37.022	ng	#	91

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

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