Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109060.D
Acq On : 17 Sep 2018 20:41
Operator : JU/SJ
Sample : J4946-01MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB12983RTMSD

Quant Time: Sep 18 04:23:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	124571	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	431330	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	175496	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	337942	20.00	ng		0.00
75) Chrysene-d12	13.86	240	322685	20.00	ng		0.00
86) Perylene-d12	15.26	264	266190	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	601567	80.21	ng		0.00
7) Phenol-d6	6.36	99	731038	75.59	ng		0.00
23) Nitrobenzene-d5	7.28	82	432685	56.26	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	145575	76.43	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	622169	55.54	ng		0.00
78) Terphenyl-d14	12.81	244	625321	45.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	74943	20.991	ng		94
3) Pyridine	3.13	79	216750	22.901	ng		90
4) n-Nitrosodimethylamine	3.04	42	100413	28.092	ng	#	93
6) Aniline	6.38	93	242961	19.436	ng	#	91
8) 2-Chlorophenol	6.51	128	202476	24.123	ng		96
9) Benzaldehyde	6.27	77	81561	13.205	ng		97
10) Phenol	6.37	94	277106	25.465	ng		89
11) bis(2-Chloroethyl)ether	6.46	93	203155	23.730	ng		93
12) 1,3-Dichlorobenzene	6.66	146	223253	23.258	ng		98
13) 1,4-Dichlorobenzene	6.74	146	224664	23.330	ng		97
14) 1,2-Dichlorobenzene	6.90	146	210671	23.598	ng		97
15) Benzyl Alcohol	6.86	79	174873	23.817	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	287203	23.414	ng		96
17) 2-Methylphenol	6.98	107	157139	22.947	ng		97
18) Hexachloroethane	7.24	117	68602	19.615	ng		97
19) n-Nitroso-di-n-propylamine	7.14	70	140559	21.988	ng		98
20) 3+4-Methylphenols	7.13	107	199082	24.139	ng	#	66
22) Acetophenone	7.13	105	267904	27.350	ng	#	91
24) Nitrobenzene	7.30	77	207236	26.137	ng		97
25) Isophorone	7.54	82	363041	27.463	ng		98
26) 2-Nitrophenol	7.62	139	77798	21.014	ng		99
27) 2,4-Dimethylphenol	7.66	122	161986	27.893	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	236284	26.562	ng		99
29) 2,4-Dichlorophenol	7.86	162	146201	23.624	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	159079	23.780	ng		94
31) Naphthalene	8.02	128	520820	26.015	ng		98
33) 4-Chloroaniline	8.07	127	184981	20.782	ng		98
34) Hexachlorobutadiene	8.15	225	97939	23.981	ng		99
35) Caprolactam	8.41	113	44305	21.959	ng	#	83
36) 4-Chloro-3-methylphenol	8.55	107	143901	22.088	ng		99
37) 2-Methylnaphthalene	8.71	142	328407	25.165	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	147018	26.616	ng		97
40) Hexachlorocyclopentadiene	8.87	237	9646	3.466	ng		99
42) 2,4,6-Trichlorophenol	9.00	196	95537	25.733	ng		99

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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB12983RTMSD

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.03	196	99978	25.769	ng		98
45) 1,1'-Biphenyl	9.18	154	373058	26.570	ng		98
46) 2-Chloronaphthalene	9.20	162	283510	25.214	ng		97
47) 2-Nitroaniline	9.29	65	92058	26.631	ng		95
48) Acenaphthylene	9.61	152	456717	26.940	ng		99
49) Dimethylphthalate	9.48	163	425739	33.941	ng	#	98
50) 2,6-Dinitrotoluene	9.53	165	67054	24.105	ng		92
51) Acenaphthene	9.79	154	259049	24.539	ng		99
52) 3-Nitroaniline	9.70	138	81355	24.837	ng		94
54) Dibenzofuran	9.96	168	383135	25.115	ng		99
55) 4-Nitrophenol	9.86	139	115559	47.884	ng		93
56) 2,4-Dinitrotoluene	9.94	165	82165	22.586	ng	#	92
57) Fluorene	10.30	166	288329	28.362	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	81621	25.407	ng	#	88
59) Diethylphthalate	10.18	149	315546	24.912	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	135825	24.951	ng		95
61) 4-Nitroaniline	10.31	138	78116	25.102	ng		100
62) Azobenzene	10.45	77	316643	24.421	ng		94
65) n-Nitrosodiphenylamine	10.41	169	279750	25.307	ng		95
66) 4-Bromophenyl-phenylether	10.78	248	86459	22.694	ng	#	87
67) Hexachlorobenzene	10.85	284	94607	23.215	ng	#	88
68) Atrazine	10.94	200	89507	25.294	ng		95
69) Pentachlorophenol	11.04	266	99018	37.978	ng		99
70) Phenanthrene	11.26	178	471341	28.452	ng		99
71) Anthracene	11.31	178	455766	27.141	ng		99
72) Carbazole	11.46	167	410482	24.693	ng		99
73) Di-n-butylphthalate	11.80	149	504832	25.943	ng		100
74) Fluoranthene	12.44	202	598984	34.250	ng		96
76) Benzidine	12.56	184	327664	28.686	ng		99
77) Pyrene	12.67	202	614716	25.647	ng		99
79) Butylbenzylphthalate	13.29	149	236216	22.065	ng		93
80) Benzo(a)anthracene	13.85	228	540826	27.683	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	164754	20.898	ng		95
82) Chrysene	13.88	228	537193	27.483	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	372236	28.717	ng		99
84) Di-n-octyl phthalate	14.46	149	622658	28.324	ng		99
85) Indeno(1,2,3-cd)pyrene	16.61	276	359471	23.003	ng	#	92
87) Benzo(b)fluoranthene	14.87	252	464272	31.527	ng		98
88) Benzo(k)fluoranthene	14.89	252	394828	28.706	ng		99
89) Benzo(a)pyrene	15.20	252	381668	29.184	ng		98
90) Dibenzo(a,h)anthracene	16.62	278	276079	25.127	ng		96
91) Benzo(g,h,i)perylene	17.01	276	296281	26.972	ng	#	94

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

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