Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
Data File : BF109792.D
Acq On : 11 Oct 2018 17:43
Operator : JU/SJ
Sample : J5394-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-027-AMSD

Manual Integrations APPROVED
Sohil
10/12/2018 11:01:22 AM

Quant Time: Oct 12 07:01:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	96846	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	373079	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	162193	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	255390	20.00	ng		0.00
75) Chrysene-d12	13.83	240	216044	20.00	ng		0.00
86) Perylene-d12	15.23	264	256383	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	724001	132.70	ng		0.00
7) Phenol-d6	6.36	99	944809	129.63	ng		0.00
23) Nitrobenzene-d5	7.26	82	642311	94.90	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	203523	115.16	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	1040215	88.33	ng		0.00
78) Terphenyl-d14	12.78	244	756134	67.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	85039	29.698	ng		97
3) Pyridine	3.14	79	209384	35.443	ng		98
4) n-Nitrosodimethylamine	3.06	42	102498	48.069	ng		99
6) Aniline	6.37	93	175131	20.627	ng	#	1
8) 2-Chlorophenol	6.49	128	274696	40.937	ng		93
9) Benzaldehyde	6.25	77	126647	27.002	ng		97
10) Phenol	6.37	94	328307	39.282	ng	#	77
11) bis(2-Chloroethyl)ether	6.44	93	245076	35.370	ng		99
12) 1,3-Dichlorobenzene	6.64	146	288715	37.619	ng		98
13) 1,4-Dichlorobenzene	6.72	146	318555	38.078	ng		99
14) 1,2-Dichlorobenzene	6.87	146	286794	39.035	ng		99
15) Benzyl Alcohol	6.85	79	223326	41.330	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	355734	38.719	ng		91
17) 2-Methylphenol	6.97	107	211240	39.809	ng		98
18) Hexachloroethane	7.20	117	112080	37.902	ng		96
19) n-Nitroso-di-n-propylamine	7.12	70	199582	39.047	ng		99
20) 3+4-Methylphenols	7.12	107	261356	39.971	ng		91
22) Acetophenone	7.11	105	404495	44.835	ng	#	99
24) Nitrobenzene	7.28	77	293888	41.730	ng		98
25) Isophorone	7.52	82	537752	47.848	ng		98
26) 2-Nitrophenol	7.60	139	142162	43.156	ng		99
27) 2,4-Dimethylphenol	7.65	122	242203	50.916	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	335382	44.118	ng		100
29) 2,4-Dichlorophenol	7.85	162	227375	42.614	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	241363	40.863	ng		99
31) Naphthalene	8.00	128	791809	45.892	ng		99
33) 4-Chloroaniline	8.06	127	87177	11.474	ng		95
34) Hexachlorobutadiene	8.12	225	144985	39.478	ng		99
35) Caprolactam	8.42	113	60517m	37.978	ng		
36) 4-Chloro-3-methylphenol	8.55	107	234035	41.553	ng		98
37) 2-Methylnaphthalene	8.69	142	503708	44.568	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	235049	42.573	ng		99
40) Hexachlorocyclopentadiene	8.85	237	150616	63.896	ng		99
42) 2,4,6-Trichlorophenol	8.97	196	138415	41.938	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.02	196	152215	40.111	ng		100
45) 1,1'-Biphenyl	9.15	154	609706	42.079	ng		98
46) 2-Chloronaphthalene	9.17	162	455672	41.976	ng		99
47) 2-Nitroaniline	9.28	65	143746	43.732	ng		92
48) Acenaphthylene	9.59	152	699255	44.185	ng		99
49) Dimethylphthalate	9.46	163	655065	55.069	ng		100
50) 2,6-Dinitrotoluene	9.52	165	112850	43.766	ng		93
51) Acenaphthene	9.76	154	390372	41.611	ng		100
52) 3-Nitroaniline	9.69	138	82458	28.528	ng		95
53) 2,4-Dinitrophenol	9.82	184	8967	10.779	ng	#	48
54) Dibenzofuran	9.93	168	583543	41.496	ng		98
55) 4-Nitrophenol	9.87	139	96822	61.198	ng		95
56) 2,4-Dinitrotoluene	9.92	165	132927	41.309	ng		94
57) Fluorene	10.27	166	449556	42.808	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	116971	37.918	ng		98
59) Diethylphthalate	10.15	149	508010	43.103	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	216103	39.006	ng		99
61) 4-Nitroaniline	10.30	138	96095	35.899	ng		94
62) Azobenzene	10.42	77	489760	40.921	ng		99
64) 4,6-Dinitro-2-methylphenol	10.33	198	31530	25.365	ng		89
65) n-Nitrosodiphenylamine	10.39	169	412518	47.647	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	130045	44.316	ng		96
67) Hexachlorobenzene	10.82	284	129948	40.895	ng		97
68) Atrazine	10.91	200	123524	45.717	ng		97
69) Pentachlorophenol	11.02	266	100779	56.363	ng		99
70) Phenanthrene	11.23	178	575818	45.054	ng		100
71) Anthracene	11.28	178	612170	46.335	ng		99
72) Carbazole	11.44	167	506182	39.503	ng		100
73) Di-n-butylphthalate	11.76	149	642512	43.232	ng		99
74) Fluoranthene	12.41	202	592187	44.353	ng		98
76) Benzidine	12.54	184	255807	31.874	ng		97
77) Pyrene	12.63	202	589334	37.232	ng		100
79) Butylbenzylphthalate	13.25	149	252989	36.865	ng		95
80) Benzo(a)anthracene	13.82	228	540558	45.341	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	146248	30.465	ng		98
82) Chrysene	13.86	228	553470	44.197	ng		99
83) Bis(2-ethylhexyl)phthalate	13.82	149	348067	41.572	ng		98
84) Di-n-octyl phthalate	14.42	149	674678	50.980	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.59	276	535846	59.782	ng		100
87) Benzo(b)fluoranthene	14.84	252	591154	41.724	ng		97
88) Benzo(k)fluoranthene	14.86	252	565991	39.759	ng		99
89) Benzo(a)pyrene	15.17	252	579501	45.072	ng		99
90) Dibenzo(a,h)anthracene	16.60	278	439494	41.621	ng		98
91) Benzo(g,h,i)perylene	16.99	276	408666	38.756	ng		98

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

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