Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109113.D
Acq On : 18 Sep 2018 23:11
Operator : JU/SJ
Sample : J4959-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MSD

Manual Integrations APPROVED
Sohil
9/19/2018 4:24:00 PM

Quant Time: Sep 19 05:30:58 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	146371	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	507203	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	205441	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	349054	20.00	ng		0.00
75) Chrysene-d12	13.87	240	306833	20.00	ng		0.00
86) Perylene-d12	15.27	264	298126	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1058107	120.06	ng		0.02
7) Phenol-d6	6.37	99	1338901	117.82	ng		0.01
23) Nitrobenzene-d5	7.29	82	849670	93.96	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	263182	118.04	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1260857	96.16	ng		0.00
78) Terphenyl-d14	12.81	244	1093182	84.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	132960	31.694	ng		93
3) Pyridine	3.15	79	366769	32.981	ng		93
4) n-Nitrosodimethylamine	3.08	42	189620	45.148	ng	#	94
6) Aniline	6.39	93	315352	21.470	ng	#	69
8) 2-Chlorophenol	6.51	128	377125	38.239	ng		96
9) Benzaldehyde	6.27	77	152261	20.979	ng		99
10) Phenol	6.38	94	474606	37.118	ng		79
11) bis(2-Chloroethyl)ether	6.47	93	375891	37.368	ng		96
12) 1,3-Dichlorobenzene	6.67	146	413648	36.675	ng		99
13) 1,4-Dichlorobenzene	6.74	146	418009	36.943	ng		99
14) 1,2-Dichlorobenzene	6.90	146	386710	36.865	ng		99
15) Benzyl Alcohol	6.87	79	343681	39.837	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.01	45	527736	36.615	ng		95
17) 2-Methylphenol	6.99	107	311624	38.729	ng		97
18) Hexachloroethane	7.24	117	138661	33.742	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	271741	36.177	ng		95
20) 3+4-Methylphenols	7.14	107	366192	37.788	ng	#	59
22) Acetophenone	7.14	105	511284	44.388	ng	#	93
24) Nitrobenzene	7.31	77	397812	42.668	ng		99
25) Isophorone	7.55	82	721884	46.440	ng		98
26) 2-Nitrophenol	7.62	139	157189	36.106	ng		95
27) 2,4-Dimethylphenol	7.67	122	328296	48.074	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	460090	43.983	ng		99
29) 2,4-Dichlorophenol	7.87	162	293700	40.359	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	315884	40.156	ng		97
31) Naphthalene	8.03	128	1266048	53.780	ng		99
33) 4-Chloroaniline	8.07	127	181084	17.301	ng		99
34) Hexachlorobutadiene	8.15	225	191124	39.797	ng		99
35) Caprolactam	8.43	113	86176m	36.322	ng		
36) 4-Chloro-3-methylphenol	8.57	107	292200	38.142	ng		98
37) 2-Methylnaphthalene	8.72	142	714067	46.532	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	293338	45.366	ng		97
40) Hexachlorocyclopentadiene	8.88	237	67290	20.655	ng		99
42) 2,4,6-Trichlorophenol	9.00	196	183545	42.232	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.04	196	191457	42.155	ng		91
45) 1,1'-Biphenyl	9.18	154	774641	47.130	ng		99
46) 2-Chloronaphthalene	9.21	162	574460	43.642	ng		98
47) 2-Nitroaniline	9.30	65	185560	45.856	ng		94
48) Acenaphthylene	9.62	152	903431	45.522	ng		100
49) Dimethylphthalate	9.48	163	809710	55.144	ng		99
50) 2,6-Dinitrotoluene	9.54	165	138592	42.561	ng		95
51) Acenaphthene	9.79	154	598008	48.391	ng		99
52) 3-Nitroaniline	9.71	138	143072	37.313	ng		97
54) Dibenzofuran	9.96	168	885394	49.579	ng		98
55) 4-Nitrophenol	9.87	139	160399	56.777	ng		93
56) 2,4-Dinitrotoluene	9.94	165	171486	40.268	ng	#	96
57) Fluorene	10.30	166	670139	56.310	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	136102	36.191	ng		89
59) Diethylphthalate	10.18	149	631324	42.577	ng		96
60) 4-Chlorophenyl-phenylether	10.30	204	254064	39.869	ng		96
61) 4-Nitroaniline	10.31	138	143815	39.478	ng		96
62) Azobenzene	10.45	77	585619	38.583	ng		93
65) n-Nitrosodiphenylamine	10.41	169	520706	45.605	ng		95
66) 4-Bromophenyl-phenylether	10.78	248	166573	42.330	ng	#	87
67) Hexachlorobenzene	10.85	284	172301	40.935	ng	#	87
68) Atrazine	10.94	200	153753	42.066	ng		98
69) Pentachlorophenol	11.04	266	137831	51.181	ng		99
70) Phenanthrene	11.27	178	1924822	112.493	ng		99
71) Anthracene	11.31	178	1168131	67.347	ng		100
72) Carbazole	11.46	167	832758	48.501	ng		100
73) Di-n-butylphthalate	11.80	149	840141	41.801	ng		99
74) Fluoranthene	12.45	202	1963441	108.695	ng		98
76) Benzidine	12.56	184	451544	41.573	ng		99
77) Pyrene	12.68	202	1886549	82.776	ng		99
79) Butylbenzylphthalate	13.29	149	390258	38.337	ng		96
80) Benzo(a)anthracene	13.85	228	1295872	69.758	ng		98
81) 3,3'-Dichlorobenzidine	13.82	252	246281	32.854	ng		97
82) Chrysene	13.90	228	1215691	65.409	ng		98
83) Bis(2-ethylhexyl)phthalate	13.86	149	504027	40.893	ng		99
84) Di-n-octyl phthalate	14.47	149	976022	46.692	ng		99
85) Indeno(1,2,3-cd)pyrene	16.64	276	753058	50.679	ng	#	91
87) Benzo(b)fluoranthene	14.88	252	1210266	73.381	ng		98
88) Benzo(k)fluoranthene	14.90	252	863636	56.063	ng		98
89) Benzo(a)pyrene	15.22	252	1004083	68.553	ng		98
90) Dibenzo(a,h)anthracene	16.65	278	515634m	41.903	ng		
91) Benzo(g,h,i)perylene	17.04	276	629547	51.172	ng	#	91

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

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