Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109301.D
Acq On : 25 Sep 2018 22:08
Operator : JU/SJ
Sample : J5044-08MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRID08-COMP-092018MSD

Manual Integrations APPROVED
Sohil
9/26/2018 3:42:22 PM

Quant Time: Sep 26 03:58:01 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	121448	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	455951	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	200515	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	339375	20.00	ng		0.00
75) Chrysene-d12	13.85	240	250624	20.00	ng		0.00
86) Perylene-d12	15.25	264	202589	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	724874	98.31	ng		0.01
7) Phenol-d6	6.35	99	939024	99.80	ng		0.00
23) Nitrobenzene-d5	7.27	82	592810	76.75	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	196477	99.40	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	957639	72.03	ng		0.00
78) Terphenyl-d14	12.80	244	828538	81.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	102819	30.277	ng		93
3) Pyridine	3.12	79	294533	33.698	ng		89
4) n-Nitrosodimethylamine	3.05	42	138233	37.164	ng	#	99
6) Aniline	6.37	93	329470	27.370	ng	#	12
8) 2-Chlorophenol	6.50	128	294582	35.926	ng		96
9) Benzaldehyde	6.25	77	202722	33.539	ng		97
10) Phenol	6.37	94	392160	36.804	ng	#	72
11) bis(2-Chloroethyl)ether	6.45	93	284523	34.125	ng		94
12) 1,3-Dichlorobenzene	6.65	146	316713	33.547	ng		99
13) 1,4-Dichlorobenzene	6.73	146	318113	33.447	ng		99
14) 1,2-Dichlorobenzene	6.88	146	300787	34.282	ng		99
15) Benzyl Alcohol	6.86	79	260392	36.156	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	401355	33.937	ng		95
17) 2-Methylphenol	6.97	107	235961	35.565	ng		97
18) Hexachloroethane	7.22	117	97370	29.058	ng		96
19) n-Nitroso-di-n-propylamine	7.13	70	206144	33.436	ng		99
20) 3+4-Methylphenols	7.13	107	287795	35.929	ng	#	78
22) Acetophenone	7.12	105	402509	38.183	ng	#	93
24) Nitrobenzene	7.29	77	310006	37.748	ng		99
25) Isophorone	7.53	82	559550	40.230	ng		98
26) 2-Nitrophenol	7.61	139	121589	37.437	ng		97
27) 2,4-Dimethylphenol	7.65	122	257205	42.441	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	354348	38.487	ng		99
29) 2,4-Dichlorophenol	7.85	162	239059	37.544	ng		99
30) 1,2,4-Trichlorobenzene	7.94	180	249067	35.006	ng		96
31) Naphthalene	8.02	128	822856	38.620	ng		100
32) Benzoic acid	7.72	122	23404m	11.675	ng		
33) 4-Chloroaniline	8.06	127	223365	23.997	ng		97
34) Hexachlorobutadiene	8.14	225	146044	34.049	ng		98
35) Caprolactam	8.42	113	72525	35.676	ng	#	87
36) 4-Chloro-3-methylphenol	8.55	107	243073	36.278	ng		99
37) 2-Methylnaphthalene	8.70	142	537119	39.105	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	246446	38.619	ng		97
40) Hexachlorocyclopentadiene	8.86	237	41127	14.776	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	156515	38.215	ng		98
43) 2,4,5-Trichlorophenol	9.03	196	160174	37.029	ng		92
45) 1,1'-Biphenyl	9.17	154	621832	38.062	ng		99
46) 2-Chloronaphthalene	9.19	162	475790	36.455	ng		98
47) 2-Nitroaniline	9.29	65	154386	41.722	ng		98
48) Acenaphthylene	9.60	152	749310	38.057	ng		100
49) Dimethylphthalate	9.47	163	873187	59.872	ng		99
50) 2,6-Dinitrotoluene	9.53	165	117495	40.678	ng		98
51) Acenaphthene	9.77	154	427357	35.900	ng		99
52) 3-Nitroaniline	9.69	138	125942	37.651	ng		93
53) 2,4-Dinitrophenol	9.80	184	3811	11.827	ng	#	22
54) Dibenzofuran	9.95	168	635114	35.875	ng		98
55) 4-Nitrophenol	9.86	139	163542	64.902	ng		94
56) 2,4-Dinitrotoluene	9.93	165	140235	38.371	ng	#	97
57) Fluorene	10.29	166	463062	36.660	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	122281	35.703	ng	#	88
59) Diethylphthalate	10.17	149	543830	36.823	ng		96
60) 4-Chlorophenyl-phenylether	10.28	204	224034	33.958	ng		96
61) 4-Nitroaniline	10.30	138	121347	37.198	ng		95
62) Azobenzene	10.44	77	511643	33.345	ng		96
64) 4,6-Dinitro-2-methylphenol	10.34	198	9174	12.356	ng		81
65) n-Nitrosodiphenylamine	10.40	169	446542	39.824	ng		94
66) 4-Bromophenyl-phenylether	10.77	248	143050	37.958	ng	#	89
67) Hexachlorobenzene	10.84	284	147715	36.906	ng	#	91
68) Atrazine	10.93	200	142207	41.237	ng		98
69) Pentachlorophenol	11.03	266	132725	55.405	ng		98
70) Phenanthrene	11.25	178	676446	39.920	ng		99
71) Anthracene	11.30	178	673612	39.194	ng		98
72) Carbazole	11.45	167	604920	35.376	ng		98
73) Di-n-butylphthalate	11.79	149	738019	37.490	ng		99
74) Fluoranthene	12.43	202	715978	39.538	ng		97
76) Benzidine	12.54	184	451665	49.984	ng		98
77) Pyrene	12.66	202	716355	39.882	ng		100
79) Butylbenzylphthalate	13.27	149	298808	39.102	ng		96
80) Benzo(a)anthracene	13.84	228	598921	39.675	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	218915	38.158	ng		97
82) Chrysene	13.87	228	575549	38.467	ng		100
83) Bis(2-ethylhexyl)phthalate	13.84	149	380800	39.513	ng		98
84) Di-n-octyl phthalate	14.44	149	672790	40.829	ng		98
85) Indeno(1,2,3-cd)pyrene	16.60	276	410969	33.886	ng	#	92
87) Benzo(b)fluoranthene	14.86	252	498115	44.746	ng		98
88) Benzo(k)fluoranthene	14.88	252	415531	39.337	ng		97
89) Benzo(a)pyrene	15.19	252	428079	42.676	ng		98
90) Dibenzo(a,h)anthracene	16.62	278	332864	40.448	ng	#	95
91) Benzo(g,h,i)perylene	17.01	276	339533	41.981	ng	#	93

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

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