Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109212.D
Acq On : 22 Sep 2018 11:02
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
9/24/2018 11:38:31 AM

Quant Time: Sep 22 11:30:08 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 11:08:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	105188	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	419989	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	201539	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	392985	20.00	ng		0.00
75) Chrysene-d12	13.84	240	286188	20.00	ng		0.00
86) Perylene-d12	15.24	264	275785	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	620928	98.04	ng		0.00
7) Phenol-d6	6.35	99	791792	96.96	ng		0.00
23) Nitrobenzene-d5	7.27	82	720795	96.26	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	198848	90.91	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1272917	98.95	ng		0.00
78) Terphenyl-d14	12.80	244	1115945	92.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	148765	49.346	ng		92
3) Pyridine	3.06	79	402984	50.425	ng		90
4) n-Nitrosodimethylamine	3.01	42	164387	54.464	ng	#	99
6) Aniline	6.37	93	504542	47.799	ng		99
8) 2-Chlorophenol	6.49	128	341910	48.241	ng		99
9) Benzaldehyde	6.25	77	238912	45.807	ng		96
10) Phenol	6.36	94	440134	47.899	ng	#	72
11) bis(2-Chloroethyl)ether	6.45	93	347856	48.119	ng		98
12) 1,3-Dichlorobenzene	6.65	146	393985	48.608	ng		99
13) 1,4-Dichlorobenzene	6.73	146	393131	48.347	ng		98
14) 1,2-Dichlorobenzene	6.88	146	362427	48.077	ng		100
15) Benzyl Alcohol	6.85	79	310635	50.104	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	497863	48.067	ng		95
17) 2-Methylphenol	6.97	107	277298	47.956	ng		96
18) Hexachloroethane	7.22	117	143848	48.709	ng		97
19) n-Nitroso-di-n-propylamine	7.13	70	258398	47.869	ng		99
20) 3+4-Methylphenols	7.13	107	329689	47.341	ng	#	73
22) Acetophenone	7.12	105	454808	47.684	ng	#	90
24) Nitrobenzene	7.29	77	375105	48.587	ng		97
25) Isophorone	7.53	82	619890	48.159	ng		96
26) 2-Nitrophenol	7.61	139	158561	43.985	ng		97
27) 2,4-Dimethylphenol	7.65	122	272072	48.114	ng		100
28) bis(2-Chloroethoxy)methane	7.75	93	408102	47.115	ng		99
29) 2,4-Dichlorophenol	7.85	162	287219	47.664	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	314494	48.281	ng		98
31) Naphthalene	8.02	128	924951	47.450	ng		100
32) Benzoic acid	7.79	122	182347m	49.351	ng		
33) 4-Chloroaniline	8.06	127	409787	47.280	ng		99
34) Hexachlorobutadiene	8.14	225	189035	47.536	ng		100
35) Caprolactam	8.45	113	94843	48.276	ng	#	84
36) 4-Chloro-3-methylphenol	8.55	107	305410	48.145	ng		96
37) 2-Methylnaphthalene	8.70	142	598502	47.100	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	304369	47.983	ng		98
40) Hexachlorocyclopentadiene	8.86	237	147929	46.286	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	204723	48.016	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	213780	47.981	ng		96
45) 1,1'-Biphenyl	9.17	154	768907	47.687	ng		98
46) 2-Chloronaphthalene	9.19	162	618641	47.908	ng		98
47) 2-Nitroaniline	9.28	65	191223	48.170	ng		89
48) Acenaphthylene	9.60	152	935027	48.026	ng		100
49) Dimethylphthalate	9.47	163	691953	48.037	ng		99
50) 2,6-Dinitrotoluene	9.53	165	150683	47.170	ng		94
51) Acenaphthene	9.77	154	575227	47.448	ng		98
52) 3-Nitroaniline	9.69	138	177307	47.136	ng		94
53) 2,4-Dinitrophenol	9.80	184	46350	37.648	ng	#	21
54) Dibenzofuran	9.95	168	825486	47.119	ng		97
55) 4-Nitrophenol	9.86	139	130887	47.227	ng		98
56) 2,4-Dinitrotoluene	9.93	165	191594	45.861	ng	#	89
57) Fluorene	10.29	166	585361	50.139	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	174572	47.319	ng		90
59) Diethylphthalate	10.17	149	710572	48.849	ng		97
60) 4-Chlorophenyl-phenylether	10.28	204	300959	48.142	ng		96
61) 4-Nitroaniline	10.30	138	175291	49.050	ng		92
62) Azobenzene	10.44	77	719561	48.325	ng		97
64) 4,6-Dinitro-2-methylphenol	10.34	198	78455	41.726	ng		86
65) n-Nitrosodiphenylamine	10.40	169	616460	47.956	ng		95
66) 4-Bromophenyl-phenylether	10.77	248	206367	46.580	ng	#	88
67) Hexachlorobenzene	10.84	284	218748	46.160	ng	#	88
68) Atrazine	10.93	200	191758	46.600	ng		98
69) Pentachlorophenol	11.03	266	145088	47.853	ng		98
70) Phenanthrene	11.24	178	928520	48.199	ng		99
71) Anthracene	11.29	178	926445	47.442	ng		100
72) Carbazole	11.45	167	932203	48.223	ng		100
73) Di-n-butylphthalate	11.79	149	1068057	47.200	ng		100
74) Fluoranthene	12.42	202	989698	48.664	ng		97
76) Benzidine	12.54	184	527281	52.048	ng		99
77) Pyrene	12.65	202	1011908	47.602	ng		99
79) Butylbenzylphthalate	13.27	149	460577	48.509	ng		97
80) Benzo(a)anthracene	13.83	228	834188	48.145	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	326316	46.671	ng		97
82) Chrysene	13.87	228	836216	48.237	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	564536	49.107	ng		98
84) Di-n-octyl phthalate	14.44	149	980645	50.297	ng		100
85) Indeno(1,2,3-cd)pyrene	16.59	276	623018	44.952	ng		94
87) Benzo(b)fluoranthene	14.84	252	734843	48.164	ng		98
88) Benzo(k)fluoranthene	14.87	252	724553	50.845	ng		98
89) Benzo(a)pyrene	15.19	252	669571	49.417	ng		98
90) Dibenzo(a,h)anthracene	16.60	278	513971	45.151	ng		96
91) Benzo(g,h,i)perylene	16.99	276	508847	44.711	ng	#	93

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

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