Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111313.D
Acq On : 12 Dec 2018 9:47
Operator : JU/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
Sohil
12/13/2018 6:05:46 PM

Quant Time: Dec 13 08:45:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 11:40:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	323600	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	1350079	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	655206	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	1173447	20.00	ng		0.00
76) Chrysene-d12	13.95	240	941309	20.00	ng		0.00
87) Perylene-d12	15.39	264	832842	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	96716	4.72	ng		0.00
7) Phenol-d6	6.42	99	139353	5.47	ng		-0.02
23) Nitrobenzene-d5	7.35	82	122302	5.08	ng		-0.02
42) 2,4,6-Tribromophenol	10.61	330	31271	5.39	ng		-0.01
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
79) Terphenyl-d14	12.89	244	230959	5.89	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	26166	2.489	ng		91
3) Pyridine	3.29	79	46421m	1.662	ng		
4) n-Nitrosodimethylamine	3.18	42	26477m	2.223	ng		
6) Aniline	6.45	93	64385	1.896	ng		96
8) 2-Chlorophenol	6.57	128	63352	2.720	ng		93
9) Benzaldehyde	6.33	77	50002	3.164	ng		96
10) Phenol	6.43	94	77261	2.594	ng		94
11) bis(2-Chloroethyl)ether	6.52	93	60085	2.609	ng		98
12) 1,3-Dichlorobenzene	6.73	146	67541	2.699	ng		96
13) 1,4-Dichlorobenzene	6.81	146	68996	2.730	ng		97
14) 1,2-Dichlorobenzene	6.96	146	65982	2.799	ng		95
15) Benzyl Alcohol	6.93	79	50573	2.509	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	116423	2.700	ng		98
17) 2-Methylphenol	7.04	107	48310	2.540	ng		99
18) Hexachloroethane	7.30	117	24476	2.544	ng		97
19) n-Nitroso-di-n-propylamine	7.19	70	46668	2.735	ng		97
20) 3+4-Methylphenols	7.19	107	64509	2.852	ng	#	78
22) Acetophenone	7.19	105	90176	2.919	ng	#	87
24) Nitrobenzene	7.36	77	64244	2.564	ng		99
25) Isophorone	7.60	82	106329	2.594	ng		97
26) 2-Nitrophenol	7.69	139	26061	2.094	ng		97
27) 2,4-Dimethylphenol	7.73	122	47090	2.448	ng		95
28) bis(2-Chloroethoxy)methane	7.82	93	74624	2.629	ng		97
29) 2,4-Dichlorophenol	7.93	162	48692	2.476	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	53516	2.762	ng		96
31) Naphthalene	8.09	128	182199	3.092	ng		96
32) Benzoic acid	7.77	122	29847m	1.877	ng		
33) 4-Chloroaniline	8.14	127	58075	2.052	ng		96
34) Hexachlorobutadiene	8.22	225	29842	2.791	ng		91
35) Caprolactam	8.46	113	16716	2.399	ng		96
36) 4-Chloro-3-methylphenol	8.62	107	54091	2.686	ng		93
37) 2-Methylnaphthalene	8.79	142	112812	2.884	ng		99
38) 1-Methylnaphthalene	8.89	142	112383	2.934	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	50013	2.743	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	21696	2.090	ng		93
43) 2,4,6-Trichlorophenol	9.06	196	34273	2.504	ng		97
44) 2,4,5-Trichlorophenol	9.10	196	33554	2.354	ng		90
46) 1,1'-Biphenyl	9.25	154	160558	2.915	ng		95
47) 2-Chloronaphthalene	9.27	162	115445	2.693	ng		97
48) 2-Nitroaniline	9.36	65	32215	2.203	ng		95
49) Acenaphthylene	9.69	152	177540	2.853	ng		94
50) Dimethylphthalate	9.55	163	130766	2.705	ng		97
51) 2,6-Dinitrotoluene	9.60	165	24167	2.264	ng		98
52) Acenaphthene	9.86	154	108860	2.787	ng		98
53) 3-Nitroaniline	9.77	138	29953	2.273	ng		96
55) Dibenzofuran	10.03	168	163702	3.081	ng		92
56) 4-Nitrophenol	9.93	139	19046	1.856	ng		92
57) 2,4-Dinitrotoluene	10.00	165	29670	2.254	ng	#	90
58) Fluorene	10.37	166	125285	3.047	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	28304	2.619	ng	#	98
61) 4-Chlorophenyl-phenylether	10.37	204	61352	3.005	ng		94
62) 4-Nitroaniline	10.37	138	29482	2.364	ng		99
63) Azobenzene	10.53	77	133961	2.799	ng		95
66) n-Nitrosodiphenylamine	10.48	169	112425	2.815	ng		100
67) 4-Bromophenyl-phenylether	10.86	248	33888	2.637	ng		100
68) Hexachlorobenzene	10.93	284	35193	2.692	ng		98
69) Atrazine	11.00	200	34632	2.851	ng		97
70) Pentachlorophenol	11.12	266	17547	1.850	ng	#	83
71) Phenanthrene	11.33	178	174530	2.949	ng		92
72) Anthracene	11.39	178	177352	2.864	ng		94
73) Carbazole	11.54	167	178656	2.759	ng		94
74) Di-n-butylphthalate	11.88	149	207211	3.114	ng		96
75) Fluoranthene	12.52	202	171140	3.165	ng		97
78) Pyrene	12.75	202	178019m	2.646	ng		
80) Butylbenzylphthalate	13.37	149	83408	2.374	ng		95
81) Benzo(a)anthracene	13.94	228	144476	2.751	ng		95
82) 3,3'-Dichlorobenzidine	13.90	252	53652	2.493	ng		96
83) Chrysene	13.97	228	142040	2.624	ng		94
84) Bis(2-ethylhexyl)phthalate	13.94	149	111167	2.663	ng		99
85) Di-n-octyl phthalate	14.55	149	182077	2.602	ng		99
86) Indeno(1,2,3-cd)pyrene	16.79	276	105602	2.416	ng		98
88) Benzo(b)fluoranthene	14.97	252	122940	2.669	ng		99
89) Benzo(k)fluoranthene	15.00	252	127217	2.938	ng		97
90) Benzo(a)pyrene	15.33	252	117509	2.771	ng		95
91) Dibenzo(a,h)anthracene	16.81	278	91051	2.733	ng		98
92) Benzo(g,h,i)perylene	17.22	276	83894	2.516	ng		93

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

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