Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108984.D
Acq On : 14 Sep 2018 9:36
Operator : JU/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
Sohil
9/17/2018 1:59:08 PM

Quant Time: Sep 14 13:20:04 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 12:24:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	150187	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	596599	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	296770	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	587676	20.00	ng		0.00
75) Chrysene-d12	13.85	240	539469	20.00	ng		0.00
86) Perylene-d12	15.25	264	536611	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	51069	5.63	ng		0.00
7) Phenol-d6	6.34	99	67206	5.76	ng		-0.02
23) Nitrobenzene-d5	7.27	82	58796	6.17	ng		-0.02
41) 2,4,6-Tribromophenol	10.53	330	17253	6.09	ng		-0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	12.81	244	119214	5.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	11943	2.741	ng		88
3) Pyridine	3.17	79	28328m	2.374	ng		
4) n-Nitrosodimethylamine	3.04	42	10559m	2.304	ng		
6) Aniline	6.38	93	42136	2.686	ng		95
8) 2-Chlorophenol	6.50	128	28729	2.863	ng		93
10) Phenol	6.35	94	37749	2.826	ng		97
11) bis(2-Chloroethyl)ether	6.45	93	28492	2.662	ng		95
12) 1,3-Dichlorobenzene	6.66	146	32750	2.860	ng		98
13) 1,4-Dichlorobenzene	6.74	146	32427	2.832	ng		99
14) 1,2-Dichlorobenzene	6.89	146	31289	2.964	ng		98
15) Benzyl Alcohol	6.85	79	23602	2.637	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	40432	2.527	ng		96
17) 2-Methylphenol	6.97	107	23437	2.764	ng		94
18) Hexachloroethane	7.24	117	11737	2.843	ng		96
19) n-Nitroso-di-n-propylamine	7.12	70	21608	2.665	ng		98
20) 3+4-Methylphenols	7.12	107	29211m	2.941	ng		
22) Acetophenone	7.12	105	40877	3.019	ng	#	98
24) Nitrobenzene	7.29	77	30018	2.935	ng		98
25) Isophorone	7.54	82	49613	2.609	ng		99
26) 2-Nitrophenol	7.61	139	12734	3.160	ng		95
27) 2,4-Dimethylphenol	7.65	122	21626	2.643	ng		97
28) bis(2-Chloroethoxy)methane	7.75	93	34065	2.679	ng		98
29) 2,4-Dichlorophenol	7.85	162	22756	2.697	ng		99
30) 1,2,4-Trichlorobenzene	7.94	180	26044	2.848	ng		98
31) Naphthalene	8.02	128	81764	3.046	ng		98
33) 4-Chloroaniline	8.07	127	34962	2.836	ng		98
34) Hexachlorobutadiene	8.15	225	15678	2.870	ng		99
36) 4-Chloro-3-methylphenol	8.55	107	24503	2.726	ng		96
37) 2-Methylnaphthalene	8.71	142	54318	3.063	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	27867	3.141	ng		97
40) Hexachlorocyclopentadiene	8.88	237	9514	2.132	ng		99
42) 2,4,6-Trichlorophenol	8.99	196	16686	2.761	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	17288	2.760	ng		95
45) 1,1'-Biphenyl	9.18	154	70709	3.095	ng		97

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
46) 2-Chloronaphthalene	9.20	162	55673	3.013 ng		97
47) 2-Nitroaniline	9.28	65	15277	3.026 ng	#	87
48) Acenaphthylene	9.61	152	85632	3.109 ng		99
49) Dimethylphthalate	9.47	163	60079	2.894 ng		99
50) 2,6-Dinitrotoluene	9.52	165	11622	2.938 ng	#	84
51) Acenaphthene	9.78	154	51345	3.013 ng		98
52) 3-Nitroaniline	9.69	138	14521	3.084 ng		82
54) Dibenzofuran	9.95	168	77756	3.130 ng		97
55) 4-Nitrophenol	9.85	139	9185	2.610 ng		91
56) 2,4-Dinitrotoluene	9.93	165	14658	2.898 ng	#	94
58) 2,3,4,6-Tetrachlorophenol	10.07	232	13756	2.723 ng	#	87
59) Diethylphthalate	10.17	149	60033	2.803 ng		97
61) 4-Nitroaniline	10.30	138	13478	3.160 ng		95
62) Azobenzene	10.45	77	62991	2.849 ng		94
65) n-Nitrosodiphenylamine	10.40	169	54783	2.804 ng		95
66) 4-Bromophenyl-phenylether	10.78	248	18637	2.808 ng	#	85
67) Hexachlorobenzene	10.84	284	19939	2.814 ng		95
68) Atrazine	10.93	200	16855	2.695 ng		95
69) Pentachlorophenol	11.04	266	8503	1.963 ng		97
70) Phenanthrene	11.25	178	86209	3.072 ng		99
71) Anthracene	11.30	178	88367	3.289 ng		96
72) Carbazole	11.45	167	87022	3.075 ng		99
73) Di-n-butylphthalate	11.80	149	97681	3.108 ng		99
74) Fluoranthene	12.43	202	92631	3.334 ng		96
77) Pyrene	12.66	202	96417	2.323 ng		99
79) Butylbenzylphthalate	13.28	149	39479	2.112 ng		95
80) Benzo(a)anthracene	13.84	228	85962	2.486 ng		97
81) 3,3'-Dichlorobenzidine	13.81	252	32913	2.443 ng	#	96
82) Chrysene	13.88	228	86306	2.578 ng		96
83) Bis(2-ethylhexyl)phthalate	13.85	149	51866	2.208 ng		98
84) Di-n-octyl phthalate	14.46	149	87606	2.237 ng		98
85) Indeno(1,2,3-cd)pyrene	16.59	276	71530	2.415 ng		96
87) Benzo(b)fluoranthene	14.85	252	77092	2.642 ng		99
88) Benzo(k)fluoranthene	14.88	252	79213	2.948 ng		96
89) Benzo(a)pyrene	15.19	252	72263	2.745 ng		99
90) Dibenzo(a,h)anthracene	16.61	278	58710	2.531 ng		98
91) Benzo(g,h,i)perylene	17.00	276	56944	2.452 ng		93

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

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