Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108773.D
Acq On : 5 Sep 2018 14:48
Operator : JU/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 05 18:02:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 16:28:16 2018
Response via : Initial Calibration

Instrument : BNA_F
ClientSampleId : SSTDICC2.5

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	321579	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	1284840	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	666452	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	1269726	20.00	ng		0.00
75) Chrysene-d12	13.86	240	1107709	20.00	ng		0.00
86) Perylene-d12	15.27	264	1114174	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	115319	6.23	ng		-0.01
7) Phenol-d6	6.34	99	149789	5.65	ng		-0.02
23) Nitrobenzene-d5	7.28	82	97594	3.86	ng		-0.02
41) 2,4,6-Tribromophenol	10.54	330	32598	3.71	ng		-0.02
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	12.81	244	275567	4.83	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	25547	2.970	ng		93
3) Pyridine	3.18	79	59046	2.971	ng		87
4) n-Nitrosodimethylamine	3.07	42	23912	2.412	ng	#	90
6) Aniline	6.38	93	96940	3.388	ng		95
8) 2-Chlorophenol	6.51	128	62426	2.758	ng		97
9) Benzaldehyde	6.27	77	55177	3.367	ng		95
10) Phenol	6.36	94	85919m	2.779	ng		
11) bis(2-Chloroethyl)ether	6.46	93	68679	2.523	ng		97
12) 1,3-Dichlorobenzene	6.67	146	72186	2.751	ng		97
13) 1,4-Dichlorobenzene	6.75	146	73909	2.580	ng		96
14) 1,2-Dichlorobenzene	6.90	146	70427	2.677	ng		96
15) Benzyl Alcohol	6.87	79	54041	2.834	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	98227	2.352	ng		97
17) 2-Methylphenol	6.98	107	50556	2.873	ng		98
18) Hexachloroethane	7.25	117	24648	2.502	ng		96
19) n-Nitroso-di-n-propylamine	7.14	70	51074	2.877	ng		97
20) 3+4-Methylphenols	7.13	107	68149	3.091	ng	#	55
22) Acetophenone	7.13	105	94260	2.939	ng	#	93
24) Nitrobenzene	7.30	77	54433	2.121	ng		95
25) Isophorone	7.55	82	116399	2.768	ng		99
27) 2,4-Dimethylphenol	7.67	122	49826	2.949	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	80179	3.018	ng		98
29) 2,4-Dichlorophenol	7.86	162	48642	2.426	ng		96
30) 1,2,4-Trichlorobenzene	7.95	180	58386	2.604	ng		97
31) Naphthalene	8.03	128	184170	3.009	ng		98
33) 4-Chloroaniline	8.08	127	81586	3.020	ng		98
34) Hexachlorobutadiene	8.17	225	34846	2.367	ng		98
35) Caprolactam	8.40	113	17363	3.250	ng		88
36) 4-Chloro-3-methylphenol	8.55	107	54413	2.529	ng		92
37) 2-Methylnaphthalene	8.72	142	121383	2.932	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	61671	2.607	ng		98
40) Hexachlorocyclopentadiene	8.88	237	24565	2.931	ng		99
42) 2,4,6-Trichlorophenol	9.00	196	33515	2.392	ng		98
43) 2,4,5-Trichlorophenol	9.03	196	34116	2.088	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.18	154	165919	2.860	ng		97
46) 2-Chloronaphthalene	9.21	162	128091	2.820	ng		96
48) Acenaphthylene	9.62	152	196350	2.953	ng		99
49) Dimethylphthalate	9.48	163	144173	2.747	ng		99
50) 2,6-Dinitrotoluene	9.54	165	14747	1.275	ng		92
51) Acenaphthene	9.80	154	117774	2.962	ng		99
52) 3-Nitroaniline	9.70	138	18185	1.453	ng	#	91
54) Dibenzofuran	9.96	168	182981	2.941	ng		97
55) 4-Nitrophenol	9.85	139	13598	1.976	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.08	232	27899	1.906	ng	#	92
59) Diethylphthalate	10.18	149	148257	2.804	ng		97
61) 4-Nitroaniline	10.30	138	18484	1.526	ng		85
62) Azobenzene	10.46	77	156630	2.980	ng		93
65) n-Nitrosodiphenylamine	10.41	169	134073	3.178	ng		95
66) 4-Bromophenyl-phenylether	10.79	248	43677	2.799	ng	#	85
67) Hexachlorobenzene	10.85	284	47647	2.834	ng	#	88
68) Atrazine	10.94	200	40469	3.431	ng		97
69) Pentachlorophenol	11.04	266	18410	2.061	ng		98
70) Phenanthrene	11.26	178	199494	3.113	ng		100
72) Carbazole	11.46	167	203287	3.122	ng		97
76) Benzidine	12.56	184	139537	4.475	ng		96
77) Pyrene	12.67	202	224556	2.697	ng		98
79) Butylbenzylphthalate	13.30	149	79065	2.258	ng		96
80) Benzo(a)anthracene	13.85	228	192364	2.849	ng		97
81) 3,3'-Dichlorobenzidine	13.81	252	69283	2.829	ng		99
82) Chrysene	13.88	228	184830	2.846	ng		97
83) Bis(2-ethylhexyl)phthalate	13.87	149	114595	2.546	ng		99
84) Di-n-octyl phthalate	14.47	149	188863	2.854	ng		98
85) Indeno(1,2,3-cd)pyrene	16.60	276	163750	3.626	ng		97
87) Benzo(b)fluoranthene	14.86	252	178132	2.603	ng		98
88) Benzo(k)fluoranthene	14.89	252	155896	2.299	ng		98
89) Benzo(a)pyrene	15.20	252	156892	2.537	ng		98
90) Dibenzo(a,h)anthracene	16.62	278	137323	2.780	ng		97
91) Benzo(g,h,i)perylene	17.01	276	131226	2.733	ng		95

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

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