Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
Data File : BF101944.D
Acq On : 9 Jan 2018 11:16
Operator : SJ/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
Sohil
1/10/2018 11:44:43 AM

Quant Time: Jan 09 14:47:04 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 13:07:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	229264	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	970477	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	439152	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	769843	20.00	ng		0.00
75) Chrysene-d12	13.87	240	637386	20.00	ng		0.00
86) Perylene-d12	15.29	264	557946	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	100823	6.55	ng		-0.01
7) Phenol-d6	6.33	99	120629	6.30	ng		-0.02
23) Nitrobenzene-d5	7.28	82	86564	4.97	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	21121	4.99	ng		-0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	12.82	244	183323	6.93	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	22724	2.873	ng	#	94
3) Pyridine	3.10	79	62096	2.826	ng		97
4) n-Nitrosodimethylamine	3.03	42	25829	2.553	ng	#	90
6) Aniline	6.38	93	78228	2.939	ng		98
8) 2-Chlorophenol	6.50	128	47645	2.943	ng		97
9) Benzaldehyde	6.27	77	40342	2.852	ng		98
10) Phenol	6.35	94	67148m	3.076	ng		
11) bis(2-Chloroethyl)ether	6.46	93	51436	3.004	ng		98
12) 1,3-Dichlorobenzene	6.66	146	56985	3.119	ng		96
13) 1,4-Dichlorobenzene	6.74	146	56839	3.046	ng		98
14) 1,2-Dichlorobenzene	6.89	146	55459	3.302	ng		98
15) Benzyl Alcohol	6.86	79	43598	3.307	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.00	45	89573	3.418	ng		96
17) 2-Methylphenol	6.97	107	42757	2.871	ng		97
18) Hexachloroethane	7.23	117	18630	2.872	ng		90
19) n-Nitroso-di-n-propylamine	7.13	70	38335	3.047	ng		91
20) 3+4-Methylphenols	7.12	107	56398	3.574	ng	#	76
22) Acetophenone	7.13	105	76209	3.442	ng	#	94
24) Nitrobenzene	7.30	77	47808	2.478	ng		93
25) Isophorone	7.54	82	95548	2.732	ng		97
27) 2,4-Dimethylphenol	7.66	122	41233	2.928	ng		89
28) bis(2-Chloroethoxy)methane	7.76	93	59311	2.670	ng		97
29) 2,4-Dichlorophenol	7.85	162	37204	2.674	ng		95
30) 1,2,4-Trichlorobenzene	7.95	180	41032	2.795	ng		96
31) Naphthalene	8.03	128	152658	3.125	ng		99
33) 4-Chloroaniline	8.07	127	63506	2.991	ng		99
34) Hexachlorobutadiene	8.15	225	22237	2.619	ng		92
35) Caprolactam	8.39	113	12021	2.488	ng	#	89
36) 4-Chloro-3-methylphenol	8.55	107	41973	2.745	ng		95
37) 2-Methylnaphthalene	8.72	142	101194	3.179	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	38413	2.591	ng		98
42) 2,4,6-Trichlorophenol	8.99	196	22415	2.511	ng		95
43) 2,4,5-Trichlorophenol	9.02	196	26825	2.745	ng		94
45) 1,1'-Biphenyl	9.18	154	126407	3.246	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	9.20	162	94982	3.187	ng		98
48) Acenaphthylene	9.62	152	150294	3.193	ng		98
49) Dimethylphthalate	9.48	163	107738	3.050	ng	#	99
50) 2,6-Dinitrotoluene	9.54	165	14911	2.077	ng	#	81
51) Acenaphthene	9.79	154	91520	3.236	ng		99
52) 3-Nitroaniline	9.70	138	20849	2.329	ng	#	93
54) Dibenzofuran	9.96	168	128867	3.586	ng		97
55) 4-Nitrophenol	9.85	139	13408	3.435	ng		94
56) 2,4-Dinitrotoluene	9.94	165	17522	2.166	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.07	232	18935	2.697	ng		98
59) Diethylphthalate	10.18	149	111358	3.183	ng		98
61) 4-Nitroaniline	10.31	138	19291	2.144	ng		98
62) Azobenzene	10.46	77	110186	3.041	ng		98
65) n-Nitrosodiphenylamine	10.42	169	90997	3.201	ng		96
66) 4-Bromophenyl-phenylether	10.79	248	24812	2.868	ng		97
67) Hexachlorobenzene	10.85	284	27215	2.973	ng		93
68) Atrazine	10.94	200	24059	2.839	ng		97
69) Pentachlorophenol	11.04	266	11849	3.917	ng	#	85
70) Phenanthrene	11.26	178	147084	3.436	ng		99
71) Anthracene	11.32	178	147179	3.366	ng		97
72) Carbazole	11.47	167	145206	3.546	ng		99
73) Di-n-butylphthalate	11.81	149	171772	3.457	ng		97
74) Fluoranthene	12.45	202	145470	3.237	ng		98
76) Benzidine	12.57	184	79460	2.952	ng		97
77) Pyrene	12.67	202	148845	3.112	ng		98
79) Butylbenzylphthalate	13.30	149	55194	2.550	ng		93
80) Benzo(a)anthracene	13.86	228	119510	2.840	ng		98
81) 3,3'-Dichlorobenzidine	13.83	252	40743	2.969	ng		99
82) Chrysene	13.90	228	120970	3.044	ng		98
83) Bis(2-ethylhexyl)phthalate	13.87	149	77971	2.844	ng		99
84) Di-n-octyl phthalate	14.48	149	116754	2.388	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.65	276	81347	2.299	ng	#	92
87) Benzo(b)fluoranthene	14.88	252	98903m	2.908	ng		
88) Benzo(k)fluoranthene	14.91	252	103258	3.123	ng		99
89) Benzo(a)pyrene	15.22	252	90082	2.873	ng	#	95
90) Dibenzo(a,h)anthracene	16.67	278	65615	2.438	ng		95
91) Benzo(g,h,i)perylene	17.06	276	63662	2.388	ng	#	88

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

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