Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107794.D
Acq On : 30 Jul 2018 12:10
Operator : JU/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
7/31/2018 2:42:13 PM

Quant Time: Jul 30 15:03:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 13:05:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147032	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	524243	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	302040	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	648348	20.00	ng		0.00
75) Chrysene-d12	14.15	240	514921	20.00	ng		0.00
86) Perylene-d12	15.68	264	422147	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	377045m	41.23	ng		0.00
7) Phenol-d6	6.61	99	551267	50.20	ng		0.00
23) Nitrobenzene-d5	7.53	82	542759	69.87	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	209287	60.93	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	1177539	59.28	ng		0.00
78) Terphenyl-d14	13.08	244	1213002	60.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	68321	16.051	ng	#	84
3) Pyridine	3.63	79	187278m	16.173	ng		
4) n-Nitrosodimethylamine	3.60	42	96984m	19.859	ng		
6) Aniline	6.64	93	275624	19.462	ng	#	70
8) 2-Chlorophenol	6.75	128	262215	26.764	ng		96
9) Benzaldehyde	6.52	77	181434m	25.265	ng		
10) Phenol	6.62	94	343214	26.577	ng		91
11) bis(2-Chloroethyl)ether	6.70	93	293644	27.427	ng		98
12) 1,3-Dichlorobenzene	6.90	146	278729	25.092	ng		98
13) 1,4-Dichlorobenzene	6.98	146	323243	28.391	ng		99
14) 1,2-Dichlorobenzene	7.13	146	309531	30.295	ng		99
15) Benzyl Alcohol	7.11	79	169171	22.605	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.22	45	442200	24.482	ng		68
17) 2-Methylphenol	7.22	107	200902	24.126	ng	#	79
18) Hexachloroethane	7.47	117	113389	28.395	ng		98
19) n-Nitroso-di-n-propylamine	7.37	70	186344	26.269	ng		95
20) 3+4-Methylphenols	7.38	107	236777	23.946	ng	#	55
22) Acetophenone	7.37	105	378844	30.771	ng	#	91
24) Nitrobenzene	7.55	77	265761	29.870	ng		98
25) Isophorone	7.78	82	442598	26.685	ng		99
26) 2-Nitrophenol	7.87	139	121421	32.317	ng		99
27) 2,4-Dimethylphenol	7.90	122	144192	20.275	ng		97
28) bis(2-Chloroethoxy)methane	7.99	93	234243	21.133	ng		99
29) 2,4-Dichlorophenol	8.11	162	183229	25.206	ng		97
30) 1,2,4-Trichlorobenzene	8.18	180	212586	26.038	ng		99
31) Naphthalene	8.27	128	639723	27.750	ng		99
32) Benzoic acid	8.02	122	109890m	25.223	ng		
33) 4-Chloroaniline	8.32	127	262883	26.090	ng		97
34) Hexachlorobutadiene	8.37	225	136638	28.165	ng		97
35) Caprolactam	8.68	113	52645	22.266	ng	#	78
36) 4-Chloro-3-methylphenol	8.81	107	206833	25.615	ng		97
37) 2-Methylnaphthalene	8.95	142	438079	27.423	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	270892	26.889	ng	#	96
40) Hexachlorocyclopentadiene	9.10	237	78673	15.362	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	143462	22.248	ng		97
43) 2,4,5-Trichlorophenol	9.29	196	176734	26.224	ng		95
45) 1,1'-Biphenyl	9.42	154	720562	27.386	ng		99
46) 2-Chloronaphthalene	9.45	162	547136	27.205	ng		98
47) 2-Nitroaniline	9.56	65	165213	28.178	ng		93
48) Acenaphthylene	9.87	152	823316	27.252	ng		100
49) Dimethylphthalate	9.71	163	583664	25.640	ng		99
50) 2,6-Dinitrotoluene	9.79	165	127210	28.147	ng		92
51) Acenaphthene	10.04	154	462882	24.453	ng		99
52) 3-Nitroaniline	9.98	138	157629	28.669	ng		96
53) 2,4-Dinitrophenol	10.10	184	39865	27.359	ng	#	49
54) Dibenzofuran	10.21	168	742996	26.662	ng		99
55) 4-Nitrophenol	10.17	139	40856m	9.925	ng		
56) 2,4-Dinitrotoluene	10.20	165	166666	30.550	ng	#	90
57) Fluorene	10.55	166	572316	28.787	ng		94
58) 2,3,4,6-Tetrachlorophenol	10.33	232	160147	28.552	ng	#	82
59) Diethylphthalate	10.41	149	619504	26.058	ng		99
60) 4-Chlorophenyl-phenylether	10.54	204	315077	28.033	ng		91
61) 4-Nitroaniline	10.60	138	139363	30.169	ng		95
62) Azobenzene	10.70	77	563086	25.259	ng		93
64) 4,6-Dinitro-2-methylphenol	10.61	198	80662	29.722	ng		91
65) n-Nitrosodiphenylamine	10.67	169	535813	24.334	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	193437	25.345	ng	#	86
67) Hexachlorobenzene	11.10	284	207682	24.731	ng	#	87
68) Atrazine	11.18	200	163079	24.257	ng		96
69) Pentachlorophenol	11.31	266	91689	17.480	ng		97
70) Phenanthrene	11.52	178	775784	24.555	ng		99
71) Anthracene	11.58	178	900309	28.302	ng		98
72) Carbazole	11.74	167	897299	27.126	ng		98
73) Di-n-butylphthalate	12.04	149	987121	26.359	ng		99
74) Fluoranthene	12.72	202	924508	27.269	ng		95
76) Benzidine	12.85	184	397789	26.825	ng		99
77) Pyrene	12.95	202	928806	26.371	ng		98
79) Butylbenzylphthalate	13.55	149	401034	26.476	ng		92
80) Benzo(a)anthracene	14.14	228	715561	23.713	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	290181	30.370	ng		99
82) Chrysene	14.18	228	771510	26.616	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	504898	23.624	ng		99
84) Di-n-octyl phthalate	14.72	149	785793	23.654	ng		98
85) Indeno(1,2,3-cd)pyrene	17.27	276	510713	20.789	ng	#	92
87) Benzo(b)fluoranthene	15.22	252	554983	24.021	ng		97
88) Benzo(k)fluoranthene	15.25	252	628612	27.771	ng		97
89) Benzo(a)pyrene	15.62	252	532932	25.217	ng		98
90) Dibenzo(a,h)anthracene	17.28	278	438925	24.026	ng	#	96
91) Benzo(g,h,i)perylene	17.75	276	410659	22.789	ng	#	90

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

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