Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082720\
Data File : BF121442.D
Acq On : 27 Aug 2020 18:05
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC005

Quant Time: Aug 28 09:26:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 28 03:08:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	310741	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	1191306	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	607426	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	1125499	20.00	ng		0.00
76) Chrysene-d12	14.02	240	970311	20.00	ng		0.00
86) Perylene-d12	15.49	264	942736	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	222379	11.73	ng		-0.01
7) Phenol-d6	6.47	99	319948	12.20	ng		-0.02
23) Nitrobenzene-d5	0.00	82	0d	0.00	ng		
42) 2,4,6-Tribromophenol	10.68	330	47106	6.93	ng		-0.01
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
79) Terphenyl-d14	12.96	244	596227	12.96	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	54445	6.204	ng		97
3) Pyridine	3.40	79	145351	5.973	ng		97
4) n-Nitrosodimethylamine	3.32	42	62018	5.856	ng	#	95
6) Aniline	6.52	93	183289	6.159	ng		99
8) 2-Chlorophenol	6.64	128	102509	5.190	ng		96
10) Phenol	6.48	94	148543	5.802	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	125743	5.693	ng		99
12) 1,3-Dichlorobenzene	6.80	146	145308	6.409	ng		97
13) 1,4-Dichlorobenzene	6.87	146	144741	6.374	ng		98
14) 1,2-Dichlorobenzene	7.03	146	137770	6.523	ng		97
15) Benzyl Alcohol	6.99	79	98822	5.617	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	188898	6.068	ng		99
17) 2-Methylphenol	7.10	107	96648	5.826	ng		99
18) Hexachloroethane	7.37	117	42462	5.155	ng		95
19) n-Nitroso-di-n-propylamine	7.26	70	86621	5.785	ng		98
20) 3+4-Methylphenols	7.25	107	121640	6.015	ng	#	75
22) Acetophenone	7.26	105	186569	6.339	ng	#	97
24) Nitrobenzene	7.43	77	56856	2.816	ng		91
25) Isophorone	7.67	82	225886	5.627	ng		99
27) 2,4-Dimethylphenol	7.79	122	88058	5.316	ng		96
28) bis(2-Chloroethoxy)methane	7.89	93	155729	5.732	ng		97
29) 2,4-Dichlorophenol	7.99	162	76108	4.495	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	120021	6.113	ng		98
31) Naphthalene	8.16	128	375726	6.315	ng		97
33) 4-Chloroaniline	8.20	127	153682	5.902	ng		97
34) Hexachlorobutadiene	8.29	225	70871	6.048	ng		99
35) Caprolactam	8.53	113	21170	3.642	ng		98
36) 4-Chloro-3-methylphenol	8.68	107	90074	5.127	ng		99
37) 2-Methylnaphthalene	8.86	142	245568	6.181	ng		98
38) 1-Methylnaphthalene	8.95	142	228653	6.085	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	111411	6.272	ng		98
41) Hexachlorocyclopentadiene	9.01	237	31237	3.634	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	48960	4.069	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	48980	4.091	ng		94

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Instrument : BNA_F
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.32	154	293018	6.445	ng		97
47) 2-Chloronaphthalene	9.34	162	236218	6.353	ng		98
49) Acenaphthylene	9.76	152	353311	6.211	ng		97
50) Dimethylphthalate	9.61	163	241673	5.606	ng		99
52) Acenaphthene	9.93	154	220291	6.129	ng		99
55) Dibenzofuran	10.10	168	323263	6.246	ng		99
58) Fluorene	10.45	166	255307	6.482	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	37593	3.653	ng		96
60) Diethylphthalate	10.32	149	240697	5.451	ng		97
61) 4-Chlorophenyl-phenylether	10.44	204	127004	6.425	ng		94
62) 4-Nitroaniline	10.45	138	23742	2.426	ng	#	67
63) Azobenzene	10.60	77	252752	5.919	ng		99
66) n-Nitrosodiphenylamine	10.55	169	216313	6.090	ng		98
67) 4-Bromophenyl-phenylether	10.93	248	73186	5.901	ng		97
68) Hexachlorobenzene	10.99	284	86877	5.990	ng		97
69) Atrazine	11.07	200	57712	5.263	ng		98
70) Pentachlorophenol	11.18	266	22588	3.119	ng		96
71) Phenanthrene	11.40	178	373570	6.495	ng		97
72) Anthracene	11.46	178	363457	6.400	ng		96
73) Carbazole	11.61	167	342212	6.226	ng		96
74) Di-n-butylphthalate	11.94	149	335598	5.152	ng		98
75) Fluoranthene	12.59	202	396360	6.289	ng		95
77) Benzidine	12.72	184	114148	5.236	ng		98
78) Pyrene	12.82	202	412339	6.012	ng		96
80) Butylbenzylphthalate	13.44	149	108538	3.802	ng		94
81) Benzo(a)anthracene	14.01	228	374126	6.320	ng		98
82) 3,3'-Dichlorobenzidine	13.97	252	123265	5.629	ng		98
83) Chrysene	14.04	228	371648	6.329	ng		96
84) Bis(2-ethylhexyl)phthalate	14.01	149	167126	4.425	ng		95
85) Di-n-octyl phthalate	14.62	149	246618	3.752	ng		96
87) Indeno(1,2,3-cd)pyrene	16.93	276	367870	6.223	ng		98
88) Benzo(b)fluoranthene	15.06	252	363000	5.906	ng	#	97
89) Benzo(k)fluoranthene	15.09	252	370003	6.631	ng		96
90) Benzo(a)pyrene	15.42	252	332912	6.117	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	305549	6.298	ng		95
92) Benzo(g,h,i)perylene	17.37	276	299191	6.415	ng		98

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

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