Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111868.D
Acq On : 7 Jan 2019 10:29
Operator : JU/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC2.5

Manual Integrations APPROVED
Sohil
1/8/2019 11:20:43 AM

Quant Time: Jan 07 14:29:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 12:19:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	168078	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	670694	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	475628	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	938228	20.00	ng		0.00
76) Chrysene-d12	14.05	240	855404	20.00	ng		0.00
87) Perylene-d12	15.53	264	731866	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	56111	5.69	ng		0.00
7) Phenol-d6	6.52	99	74178	5.91	ng		-0.01
23) Nitrobenzene-d5	7.44	82	63042	5.47	ng		-0.02
42) 2,4,6-Tribromophenol	10.72	330	33178	5.90	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	183825	5.63	ng		0.00
79) Terphenyl-d14	12.99	244	257066	5.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	13294	2.865	ng		89
3) Pyridine	3.47	79	27014	2.235	ng		95
4) n-Nitrosodimethylamine	3.38	42	14712	2.487	ng	#	94
6) Aniline	6.55	93	46249	2.891	ng	#	67
8) 2-Chlorophenol	6.67	128	30360	2.779	ng		87
9) Benzaldehyde	6.43	77	26264	3.043	ng		96
10) Phenol	6.53	94	40411	2.854	ng		80
11) bis(2-Chloroethyl)ether	6.61	93	31222	2.943	ng		98
12) 1,3-Dichlorobenzene	6.83	146	34569	2.731	ng		96
13) 1,4-Dichlorobenzene	6.90	146	35677	2.779	ng		99
14) 1,2-Dichlorobenzene	7.06	146	32868	2.744	ng		96
15) Benzyl Alcohol	7.02	79	25650	2.574	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	49695	2.543	ng		95
17) 2-Methylphenol	7.14	107	22907	2.619	ng		97
18) Hexachloroethane	7.40	117	12030	2.781	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	22523	2.703	ng		93
20) 3+4-Methylphenols	7.30	107	29811	2.697	ng	#	73
22) Acetophenone	7.29	105	44895	2.642	ng	#	96
24) Nitrobenzene	7.46	77	31642	2.620	ng		94
25) Isophorone	7.70	82	51716	2.528	ng		98
26) 2-Nitrophenol	7.78	139	14296	2.919	ng		94
27) 2,4-Dimethylphenol	7.82	122	23197	2.403	ng		95
28) bis(2-Chloroethoxy)methane	7.91	93	34781	2.555	ng		97
29) 2,4-Dichlorophenol	8.03	162	26632	2.565	ng		93
30) 1,2,4-Trichlorobenzene	8.11	180	31008	2.679	ng		97
31) Naphthalene	8.19	128	86939	2.698	ng		99
33) 4-Chloroaniline	8.24	127	36054	2.588	ng		96
34) Hexachlorobutadiene	8.32	225	19910	2.823	ng		98
35) Caprolactam	8.56	113	8840	2.512	ng		96
36) 4-Chloro-3-methylphenol	8.72	107	29516	2.891	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	40034	2.562	ng		97
43) 2,4,6-Trichlorophenol	9.16	196	24164	2.316	ng		94
44) 2,4,5-Trichlorophenol	9.21	196	26292	2.456	ng		97
46) 1,1'-Biphenyl	9.35	154	109689	2.732	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.37	162	85256	2.680	ng	97
48) 2-Nitroaniline	9.46	65	23386	2.826	ng	99
49) Acenaphthylene	9.79	152	128076	2.758	ng	98
50) Dimethylphthalate	9.63	163	96883	2.785	ng	100
51) 2,6-Dinitrotoluene	9.70	165	19644	2.832	ng	95
52) Acenaphthene	9.96	154	82047	2.864	ng	99
53) 3-Nitroaniline	9.87	138	21453	2.900	ng	97
55) Dibenzofuran	10.13	168	124123	2.868	ng	99
56) 4-Nitrophenol	10.05	139	13664	2.421	ng	96
57) 2,4-Dinitrotoluene	10.10	165	24965	2.995	ng	99
58) Fluorene	10.47	166	92450	2.965	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	22802	2.531	ng	99
60) Diethylphthalate	10.34	149	97178	2.848	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	52100	3.024	ng	96
62) 4-Nitroaniline	10.47	138	20442	2.844	ng	95
63) Azobenzene	10.62	77	94394	2.756	ng	96
66) n-Nitrosodiphenylamine	10.58	169	86734	2.754	ng	98
67) 4-Bromophenyl-phenylether	10.95	248	31837	2.736	ng	98
68) Hexachlorobenzene	11.03	284	36118	2.784	ng	95
69) Atrazine	11.10	200	29124	2.662	ng	99
71) Phenanthrene	11.43	178	142959	2.873	ng	97
72) Anthracene	11.49	178	140847	2.820	ng	97
73) Carbazole	11.64	167	136720	2.820	ng	96
74) Di-n-butylphthalate	11.97	149	152689	2.809	ng	99
75) Fluoranthene	12.62	202	143548	2.849	ng	97
78) Pyrene	12.85	202	150771	2.496	ng	96
80) Butylbenzylphthalate	13.46	149	59695	2.424	ng	99
81) Benzo(a)anthracene	14.04	228	136119	2.788	ng	97
82) 3,3'-Dichlorobenzidine	14.00	252	51950	2.693	ng	96
83) Chrysene	14.07	228	130694	2.724	ng	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	81434	2.626	ng	99
85) Di-n-octyl phthalate	14.63	149	115794	2.410	ng	98
86) Indeno(1,2,3-cd)pyrene	17.02	276	87980	2.157	ng	99
88) Benzo(b)fluoranthene	15.09	252	118161m	2.762	ng	
89) Benzo(k)fluoranthene	15.12	252	106727	2.621	ng	99
90) Benzo(a)pyrene	15.46	252	101497	2.612	ng	98
91) Dibenzo(a,h)anthracene	17.03	278	70942	2.085	ng	95
92) Benzo(g,h,i)perylene	17.47	276	69161	2.081	ng	98

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

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