Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120818\
Data File : BF111226.D
Acq On : 8 Dec 2018 13:29
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
12/10/2018 4:59:11 PM

Quant Time: Dec 10 00:59:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 00:12:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	501434	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2046647	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	916833	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1584357	20.00	ng	0.00
76) Chrysene-d12	13.96	240	830924	20.00	ng	0.00
87) Perylene-d12	15.39	264	892193	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	3034308	94.49	ng	0.00
7) Phenol-d6	6.44	99	3774337	91.48	ng	0.00
23) Nitrobenzene-d5	7.37	82	3464682	99.90	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	758372	102.88	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	5102644	93.59	ng	0.00
79) Terphenyl-d14	12.91	244	4102253	102.92	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.54	88	842265	46.460	ng	99
3) Pyridine	3.27	79	2262525	54.891	ng	98
4) n-Nitrosodimethylamine	3.22	42	1000998	50.372	ng	93
6) Aniline	6.47	93	2627437	47.747	ng	98
8) 2-Chlorophenol	6.59	128	1731201	46.851	ng	97
9) Benzaldehyde	6.35	77	1057917	46.089	ng	99
10) Phenol	6.45	94	2182494m	48.013	ng	
11) bis(2-Chloroethyl)ether	6.54	93	1736865	47.140	ng	96
12) 1,3-Dichlorobenzene	6.75	146	1905179	48.377	ng	99
13) 1,4-Dichlorobenzene	6.82	146	1884045	47.503	ng	99
14) 1,2-Dichlorobenzene	6.97	146	1721624	46.847	ng	99
15) Benzyl Alcohol	6.95	79	1507060	46.307	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.08	45	3301714	46.436	ng	100
17) 2-Methylphenol	7.06	107	1457755	48.017	ng	99
18) Hexachloroethane	7.32	117	728128	49.095	ng	92
19) n-Nitroso-di-n-propylamine	7.23	70	1251732	45.337	ng	98
20) 3+4-Methylphenols	7.21	107	1632489	44.432	ng	92
22) Acetophenone	7.22	105	2229744	45.370	ng	99
24) Nitrobenzene	7.39	77	1769821	47.506	ng	96
25) Isophorone	7.63	82	2937384	46.325	ng	99
26) 2-Nitrophenol	7.70	139	953333	59.052	ng	98
27) 2,4-Dimethylphenol	7.74	122	1366079	46.157	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	2041876	47.545	ng	99
29) 2,4-Dichlorophenol	7.94	162	1464609	50.271	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	1415573	48.087	ng	99
31) Naphthalene	8.11	128	4264987	47.813	ng	98
32) Benzoic acid	7.87	122	1231895m	60.860	ng	
33) 4-Chloroaniline	8.16	127	2027491	47.169	ng	98
34) Hexachlorobutadiene	8.23	225	789204	49.399	ng	97
35) Caprolactam	8.54	113	513043	47.873	ng	96
36) 4-Chloro-3-methylphenol	8.64	107	1471354	46.356	ng	97
37) 2-Methylnaphthalene	8.80	142	2841431	46.412	ng	99
38) 1-Methylnaphthalene	8.90	142	2701319	45.832	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1240724	50.708	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	755126	57.902	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	935071	52.091	ng		98
44) 2,4,5-Trichlorophenol	9.12	196	937696	51.399	ng		96
46) 1,1'-Biphenyl	9.26	154	3569119	47.649	ng		99
47) 2-Chloronaphthalene	9.29	162	2865409	49.172	ng		98
48) 2-Nitroaniline	9.38	65	1026595	53.851	ng		92
49) Acenaphthylene	9.70	152	4036745	49.536	ng		98
50) Dimethylphthalate	9.57	163	3069718	48.187	ng		99
51) 2,6-Dinitrotoluene	9.62	165	759192	55.761	ng	#	88
52) Acenaphthene	9.87	154	2596912	48.113	ng		98
53) 3-Nitroaniline	9.79	138	908827	53.132	ng		95
54) 2,4-Dinitrophenol	9.89	184	325311	80.512	ng	#	83
55) Dibenzofuran	10.05	168	3753808	50.639	ng		97
56) 4-Nitrophenol	9.95	139	713435	55.039	ng		99
57) 2,4-Dinitrotoluene	10.02	165	945194	53.457	ng		90
58) Fluorene	10.39	166	2654844	50.972	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	778223	57.027	ng		99
60) Diethylphthalate	10.26	149	3151608	49.424	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	1329368	51.718	ng		98
62) 4-Nitroaniline	10.40	138	901984	57.864	ng		99
63) Azobenzene	10.54	77	3202061	47.365	ng		97
65) 4,6-Dinitro-2-methylphenol	10.43	198	472150	67.307	ng		95
66) n-Nitrosodiphenylamine	10.50	169	2608568	47.084	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	819574	48.627	ng		93
68) Hexachlorobenzene	10.94	284	840037	48.701	ng		96
69) Atrazine	11.03	200	760449	50.438	ng		99
70) Pentachlorophenol	11.13	266	645776	56.337	ng		95
71) Phenanthrene	11.35	178	3671594	48.220	ng		99
72) Anthracene	11.40	178	3711699	48.346	ng		99
73) Carbazole	11.55	167	3790586	47.377	ng		99
74) Di-n-butylphthalate	11.89	149	3817860	40.797	ng		100
75) Fluoranthene	12.53	202	3123779	41.779	ng		99
77) Benzidine	12.65	184	1259494	44.687	ng		100
78) Pyrene	12.76	202	3629578	56.660	ng		99
80) Butylbenzylphthalate	13.38	149	1857251	59.853	ng		99
81) Benzo(a)anthracene	13.94	228	2254666	46.766	ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	889974	48.321	ng		99
83) Chrysene	13.99	228	2343021	48.562	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	1861314	49.867	ng		99
85) Di-n-octyl phthalate	14.56	149	3038110	50.983	ng		100
86) Indeno(1,2,3-cd)pyrene	16.80	276	1986377	51.032	ng		96
88) Benzo(b)fluoranthene	14.98	252	2017571	39.923	ng		99
89) Benzo(k)fluoranthene	15.01	252	1940662	39.893	ng		99
90) Benzo(a)pyrene	15.33	252	1916536	41.394	ng		97
91) Dibenzo(a,h)anthracene	16.82	278	1644096	42.370	ng		97
92) Benzo(g,h,i)perylene	17.23	276	1673912	42.917	ng		96

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

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