Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109879.D
Acq On : 15 Oct 2018 15:19
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
Sohil
10/16/2018 9:57:12 AM

Quant Time: Oct 15 17:04:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 15 16:50:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	230263	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	950702	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	452288	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	844998	20.00	ng		0.00
76) Chrysene-d12	14.15	240	685859	20.00	ng		0.00
87) Perylene-d12	15.67	264	553813	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	316194	24.37	ng		0.00
7) Phenol-d6	6.58	99	389176	22.46	ng		-0.01
23) Nitrobenzene-d5	7.53	82	278369	16.14	ng		-0.01
42) 2,4,6-Tribromophenol	10.80	330	81543	16.55	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	682068	20.77	ng		0.00
79) Terphenyl-d14	13.09	244	722235	20.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	83934	12.328	ng		93
3) Pyridine	3.61	79	188138	13.394	ng		92
4) n-Nitrosodimethylamine	3.55	42	75381	14.869	ng	#	97
6) Aniline	6.63	93	248443	12.307	ng	#	52
8) 2-Chlorophenol	6.76	128	174879	10.961	ng		98
9) Benzaldehyde	6.53	77	140219	12.574	ng		98
10) Phenol	6.59	94	209369	10.536	ng	#	61
11) bis(2-Chloroethyl)ether	6.70	93	174767	10.608	ng		96
12) 1,3-Dichlorobenzene	6.92	146	191550	10.497	ng		98
13) 1,4-Dichlorobenzene	6.99	146	191542	9.630	ng		98
14) 1,2-Dichlorobenzene	7.15	146	181294	10.378	ng		100
15) Benzyl Alcohol	7.10	79	147921	11.514	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.25	45	280768	12.853	ng		67
17) 2-Methylphenol	7.21	107	138091	10.945	ng	#	80
18) Hexachloroethane	7.49	117	66108	9.403	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	126830	10.436	ng		96
20) 3+4-Methylphenols	7.36	107	183853	11.826	ng	#	81
22) Acetophenone	7.37	105	247992	10.787	ng	#	96
24) Nitrobenzene	7.55	77	154625	8.616	ng		100
25) Isophorone	7.79	82	295870	10.331	ng		99
26) 2-Nitrophenol	7.87	139	47719	5.685	ng		99
27) 2,4-Dimethylphenol	7.89	122	142270	11.737	ng		96
28) bis(2-Chloroethoxy)methane	8.00	93	208873	10.782	ng		98
29) 2,4-Dichlorophenol	8.10	162	134747	9.910	ng		99
30) 1,2,4-Trichlorobenzene	8.20	180	157217	10.445	ng		95
31) Naphthalene	8.28	128	489241	11.127	ng		99
32) Benzoic acid	7.96	122	63267m	7.300	ng		
33) 4-Chloroaniline	8.32	127	214118	11.059	ng		99
34) Hexachlorobutadiene	8.40	225	86923	9.288	ng		96
35) Caprolactam	8.66	113	45381	11.176	ng	#	79
36) 4-Chloro-3-methylphenol	8.79	107	148613	10.355	ng		97
37) 2-Methylnaphthalene	8.97	142	311373	10.811	ng		98
38) 1-Methylnaphthalene	9.07	142	304896	10.649	ng		96
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	149770	9.728	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	64823	11.538	ng		97
43) 2,4,6-Trichlorophenol	9.24	196	86651	9.415	ng		97
44) 2,4,5-Trichlorophenol	9.27	196	93202	8.807	ng		94
46) 1,1'-Biphenyl	9.43	154	456264	11.292	ng		98
47) 2-Chloronaphthalene	9.46	162	324135	10.708	ng		98
48) 2-Nitroaniline	9.55	65	58631	6.397	ng		97
49) Acenaphthylene	9.88	152	474467	10.751	ng		99
50) Dimethylphthalate	9.73	163	348489	10.506	ng		99
51) 2,6-Dinitrotoluene	9.79	165	48220	6.706	ng		98
52) Acenaphthene	10.05	154	299791	11.459	ng		98
53) 3-Nitroaniline	9.96	138	61473	7.627	ng	#	89
54) 2,4-Dinitrophenol	10.06	184	9070	3.910	ng	#	42
55) Dibenzofuran	10.22	168	438798	11.190	ng		94
56) 4-Nitrophenol	10.10	139	46823	10.613	ng		97
57) 2,4-Dinitrotoluene	10.19	165	51492	5.738	ng		94
58) Fluorene	10.56	166	318761	10.885	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	71164	8.273	ng		93
60) Diethylphthalate	10.43	149	344478	10.481	ng		99
61) 4-Chlorophenyl-phenylether	10.56	204	169647	10.981	ng		96
62) 4-Nitroaniline	10.57	138	58989	7.903	ng		99
63) Azobenzene	10.72	77	366009	10.966	ng		97
65) 4,6-Dinitro-2-methylphenol	10.60	198	15252	3.708	ng		90
66) n-Nitrosodiphenylamine	10.67	169	306737	10.708	ng		98
67) 4-Bromophenyl-phenylether	11.05	248	97894	10.083	ng	#	90
68) Hexachlorobenzene	11.11	284	105581	10.042	ng	#	93
69) Atrazine	11.19	200	95852	10.722	ng		98
70) Pentachlorophenol	11.30	266	53777	9.090	ng		96
71) Phenanthrene	11.53	178	489983	11.587	ng		99
72) Anthracene	11.58	178	492748	11.272	ng		99
73) Carbazole	11.73	167	485319	11.447	ng		99
74) Di-n-butylphthalate	12.06	149	549134	11.167	ng		99
75) Fluoranthene	12.72	202	492905	11.158	ng		99
77) Benzidine	12.84	184	280943	11.027	ng		96
78) Pyrene	12.95	202	508302	10.115	ng		99
80) Butylbenzylphthalate	13.56	149	196183	9.005	ng		99
81) Benzo(a)anthracene	14.14	228	420815	11.118	ng		100
82) 3,3'-Dichlorobenzidine	14.10	252	154872	10.162	ng		99
83) Chrysene	14.17	228	407366	10.247	ng		98
84) Bis(2-ethylhexyl)phthalate	14.12	149	268546	10.103	ng		94
85) Di-n-octyl phthalate	14.73	149	373571	8.892	ng		97
86) Indeno(1,2,3-cd)pyrene	17.22	276	273605	9.615	ng	#	93
88) Benzo(b)fluoranthene	15.21	252	330461	10.798	ng		98
89) Benzo(k)fluoranthene	15.24	252	332913	10.826	ng	#	97
90) Benzo(a)pyrene	15.60	252	299373	10.779	ng	#	97
91) Dibenzo(a,h)anthracene	17.24	278	228830	10.032	ng		95
92) Benzo(g,h,i)perylene	17.69	276	215910	9.479	ng	#	92

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

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