Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102318\
Data File : BF110072.D
Acq On : 23 Oct 2018 11:46
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
10/24/2018 5:11:42 PM

Quant Time: Oct 23 13:19:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 12:51:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	172117	20.00	ng		-0.02
21) Naphthalene-d8	8.25	136	742850	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	355489	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	683325	20.00	ng		-0.02
76) Chrysene-d12	14.14	240	570964	20.00	ng		-0.02
87) Perylene-d12	15.67	264	521347	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	231631	21.33	ng		-0.02
7) Phenol-d6	6.57	99	289972	21.51	ng		-0.03
23) Nitrobenzene-d5	7.52	82	259328	23.52	ng		-0.03
42) 2,4,6-Tribromophenol	10.80	330	74101	24.08	ng		-0.02
45) 2-Fluorobiphenyl	9.32	172	536438	24.08	ng		-0.02
79) Terphenyl-d14	13.08	244	599861	22.06	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	56935	9.232	ng		92
3) Pyridine	3.60	79	121885	8.865	ng	#	84
4) n-Nitrosodimethylamine	3.55	42	51313	9.149	ng	#	95
6) Aniline	6.62	93	182682	10.054	ng	#	53
8) 2-Chlorophenol	6.75	128	130028	10.691	ng		99
9) Benzaldehyde	6.52	77	102375	11.684	ng		96
10) Phenol	6.59	94	154760	10.631	ng	#	63
11) bis(2-Chloroethyl)ether	6.69	93	124907	10.262	ng		94
12) 1,3-Dichlorobenzene	6.90	146	144624	10.844	ng		98
13) 1,4-Dichlorobenzene	6.98	146	147396	10.974	ng		99
14) 1,2-Dichlorobenzene	7.13	146	141202	11.416	ng		98
15) Benzyl Alcohol	7.10	79	109740	10.579	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.23	45	204451	10.234	ng		67
17) 2-Methylphenol	7.20	107	104066	10.611	ng	#	81
18) Hexachloroethane	7.47	117	52493	11.059	ng		90
19) n-Nitroso-di-n-propylamine	7.36	70	92839	10.724	ng		93
20) 3+4-Methylphenols	7.35	107	139487	11.208	ng	#	81
22) Acetophenone	7.37	105	187846	10.904	ng	#	99
24) Nitrobenzene	7.54	77	135468	11.308	ng		98
25) Isophorone	7.78	82	218981	10.106	ng		94
26) 2-Nitrophenol	7.86	139	59657	12.011	ng		88
27) 2,4-Dimethylphenol	7.89	122	106861	10.239	ng		97
28) bis(2-Chloroethoxy)methane	7.99	93	152086	10.227	ng		99
29) 2,4-Dichlorophenol	8.10	162	108250	10.692	ng		97
30) 1,2,4-Trichlorobenzene	8.19	180	121147	10.687	ng		96
31) Naphthalene	8.27	128	375440	11.021	ng		99
32) Benzoic acid	7.96	122	66793m	10.271	ng		
33) 4-Chloroaniline	8.32	127	165204	10.789	ng		98
34) Hexachlorobutadiene	8.38	225	68169	10.905	ng		99
35) Caprolactam	8.66	113	35912	9.988	ng	#	87
36) 4-Chloro-3-methylphenol	8.79	107	116277	10.887	ng		94
37) 2-Methylnaphthalene	8.96	142	245792	11.143	ng		95
38) 1-Methylnaphthalene	9.06	142	235195	11.004	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	119530	10.917	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	56409	10.674	ng		97
43) 2,4,6-Trichlorophenol	9.23	196	75612	11.044	ng		96
44) 2,4,5-Trichlorophenol	9.27	196	76987	10.834	ng		94
46) 1,1'-Biphenyl	9.42	154	354765	11.201	ng		99
47) 2-Chloronaphthalene	9.45	162	253350	10.859	ng		99
48) 2-Nitroaniline	9.55	65	73483	12.273	ng		95
49) Acenaphthylene	9.87	152	370806	10.941	ng		98
50) Dimethylphthalate	9.72	163	278819	11.077	ng		99
51) 2,6-Dinitrotoluene	9.79	165	57053	11.933	ng	#	85
52) Acenaphthene	10.04	154	240574	11.149	ng		97
53) 3-Nitroaniline	9.95	138	70282	12.085	ng		96
54) 2,4-Dinitrophenol	10.06	184	14333	11.719	ng		83
55) Dibenzofuran	10.22	168	345892	11.240	ng		94
56) 4-Nitrophenol	10.10	139	50111	11.292	ng		85
57) 2,4-Dinitrotoluene	10.19	165	71499	12.726	ng	#	90
58) Fluorene	10.56	166	257943	11.515	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	66354	11.782	ng		97
60) Diethylphthalate	10.42	149	274897	11.057	ng		98
61) 4-Chlorophenyl-phenylether	10.54	204	136458	11.694	ng		98
62) 4-Nitroaniline	10.56	138	69517	12.627	ng		93
63) Azobenzene	10.70	77	274773	10.579	ng		97
65) 4,6-Dinitro-2-methylphenol	10.60	198	25449	11.620	ng		94
66) n-Nitrosodiphenylamine	10.66	169	245483	10.786	ng		97
67) 4-Bromophenyl-phenylether	11.04	248	79120	10.684	ng		95
68) Hexachlorobenzene	11.10	284	85170	10.785	ng	#	92
69) Atrazine	11.19	200	78318	11.017	ng		100
70) Pentachlorophenol	11.30	266	44265	9.849	ng		98
71) Phenanthrene	11.52	178	396209	11.200	ng		98
72) Anthracene	11.57	178	401636	11.293	ng		98
73) Carbazole	11.73	167	386702	11.063	ng		99
74) Di-n-butylphthalate	12.05	149	435771	11.171	ng		98
75) Fluoranthene	12.72	202	406437	11.501	ng		99
77) Benzidine	12.83	184	256809	11.731	ng		97
78) Pyrene	12.94	202	419255	9.998	ng		98
80) Butylbenzylphthalate	13.56	149	176132	10.389	ng		93
81) Benzo(a)anthracene	14.13	228	357218	10.622	ng		99
82) 3,3'-Dichlorobenzidine	14.09	252	135653	11.505	ng		98
83) Chrysene	14.17	228	346037	10.810	ng		97
84) Bis(2-ethylhexyl)phthalate	14.11	149	248660	11.146	ng	#	96
85) Di-n-octyl phthalate	14.73	149	393034	12.496	ng		99
86) Indeno(1,2,3-cd)pyrene	17.22	276	289019	11.213	ng	#	95
88) Benzo(b)fluoranthene	15.21	252	305473	10.163	ng		98
89) Benzo(k)fluoranthene	15.24	252	305652	10.317	ng		99
90) Benzo(a)pyrene	15.60	252	283317	10.249	ng		97
91) Dibenzo(a,h)anthracene	17.24	278	243096	9.923	ng		97
92) Benzo(g,h,i)perylene	17.69	276	230946	9.330	ng		96

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

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