Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021119\
Data File : BM018752.D
Acq On : 11 Feb 2019 11:34
Operator : JU/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC2.5

Quant Time: Feb 11 16:00:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 14:13:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	260328	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	1101926	20.00	ng		0.00
39) Acenaphthene-d10	14.36	164	640529	20.00	ng		0.00
64) Phenanthrene-d10	17.12	188	1488833	20.00	ng		0.00
76) Chrysene-d12	21.30	240	1733863	20.00	ng		0.00
87) Perylene-d12	23.56	264	1845227	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	79953	5.67	ng		0.00
7) Phenol-d6	6.89	99	105365	5.88	ng		0.00
23) Nitrobenzene-d5	8.88	82	104878	5.52	ng		0.00
42) 2,4,6-Tribromophenol	15.86	330	35342	4.33	ng		0.00
45) 2-Fluorobiphenyl	12.98	172	241924	4.93	ng		0.00
79) Terphenyl-d14	19.74	244	406720	4.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	18743	3.262	ng	#	96
3) Pyridine	3.70	79	37496	2.617	ng	#	80
4) n-Nitrosodimethylamine	3.62	42	10756	1.816	ng	#	58
6) Aniline	7.06	93	66349	3.322	ng		97
8) 2-Chlorophenol	7.27	128	42871	2.604	ng		98
10) Phenol	6.91	94	57043	3.135	ng		99
11) bis(2-Chloroethyl)ether	7.15	93	43012	3.008	ng		99
12) 1,3-Dichlorobenzene	7.60	146	51057	2.604	ng		99
13) 1,4-Dichlorobenzene	7.75	146	52491	2.641	ng		92
14) 1,2-Dichlorobenzene	8.06	146	49411	2.622	ng		92
15) Benzyl Alcohol	7.97	79	38486	2.976	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	47299	2.589	ng		97
17) 2-Methylphenol	8.16	107	36682	2.970	ng		99
18) Hexachloroethane	8.78	117	17922	2.529	ng		95
19) n-Nitroso-di-n-propylamine	8.52	70	38728	3.323	ng		99
20) 3+4-Methylphenols	8.49	107	46798	2.745	ng		96
22) Acetophenone	8.55	105	69975	2.567	ng	#	96
24) Nitrobenzene	8.93	77	59030	3.156	ng		95
25) Isophorone	9.45	82	79882	2.775	ng		98
26) 2-Nitrophenol	9.63	139	18716	2.070	ng		96
27) 2,4-Dimethylphenol	9.69	122	32940	2.430	ng		96
28) bis(2-Chloroethoxy)methane	9.93	93	56229	2.828	ng		97
29) 2,4-Dichlorophenol	10.16	162	33337	2.065	ng		98
30) 1,2,4-Trichlorobenzene	10.36	180	47101	2.351	ng		96
31) Naphthalene	10.55	128	135015	2.544	ng		99
33) 4-Chloroaniline	10.69	127	51349	2.457	ng		97
34) Hexachlorobutadiene	10.82	225	28001	2.212	ng		97
36) 4-Chloro-3-methylphenol	11.80	107	40655	2.401	ng		93
37) 2-Methylnaphthalene	12.17	142	90688	2.419	ng		98
38) 1-Methylnaphthalene	12.39	142	89650	2.471	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	50109	2.237	ng		97
43) 2,4,6-Trichlorophenol	12.79	196	27504	2.022	ng		100
44) 2,4,5-Trichlorophenol	12.87	196	27091	1.894	ng		98
46) 1,1'-Biphenyl	13.19	154	136273	2.437	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.23	162	105198	2.426	ng		99
48) 2-Nitroaniline	13.46	65	25445	2.385	ng		91
49) Acenaphthylene	14.09	152	144622	2.288	ng		99
50) Dimethylphthalate	13.83	163	125868	2.393	ng		99
51) 2,6-Dinitrotoluene	13.96	165	22364	2.007	ng		86
52) Acenaphthene	14.43	154	95260	2.463	ng		99
55) Dibenzofuran	14.76	168	159458	2.496	ng		100
57) 2,4-Dinitrotoluene	14.74	165	28124	1.784	ng	#	91
58) Fluorene	15.42	166	117214	2.463	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.99	232	26853	2.118	ng		96
60) Diethylphthalate	15.19	149	128216	2.414	ng		99
61) 4-Chlorophenyl-phenylether	15.41	204	64947	2.367	ng		96
63) Azobenzene	15.70	77	125810	2.906	ng		99
66) n-Nitrosodiphenylamine	15.63	169	107988	2.338	ng		98
67) 4-Bromophenyl-phenylether	16.31	248	37465	2.249	ng		93
68) Hexachlorobenzene	16.41	284	47252	2.533	ng		97
69) Atrazine	16.59	200	36384	2.179	ng		97
70) Pentachlorophenol	16.76	266	22459	1.839	ng		98
71) Phenanthrene	17.16	178	198460	2.506	ng		99
72) Anthracene	17.25	178	177232	2.327	ng		99
73) Carbazole	17.53	167	184008	2.352	ng		98
74) Di-n-butylphthalate	18.08	149	191112	2.230	ng		99
75) Fluoranthene	19.18	202	217059	2.377	ng		100
77) Benzidine	19.38	184	98194	2.294	ng		99
78) Pyrene	19.54	202	230123	2.239	ng		99
80) Butylbenzylphthalate	20.44	149	83019	1.893	ng		99
81) Benzo(a)anthracene	21.29	228	241913	2.368	ng		99
82) 3,3'-Dichlorobenzidine	21.23	252	90036	2.331	ng		98
83) Chrysene	21.34	228	237625	2.409	ng		100
84) Bis(2-ethylhexyl)phthalate	21.21	149	127695	2.016	ng		97
85) Di-n-octyl phthalate	22.10	149	223828	2.101	ng		98
86) Indeno(1,2,3-cd)pyrene	25.84	276	287756	2.530	ng		100
88) Benzo(b)fluoranthene	22.88	252	242449	2.314	ng		100
89) Benzo(k)fluoranthene	22.93	252	247545	2.345	ng		99
90) Benzo(a)pyrene	23.46	252	232393	2.317	ng		98
91) Dibenzo(a,h)anthracene	25.87	278	239671	2.359	ng		100
92) Benzo(g,h,i)perylene	26.56	276	235917	2.386	ng		100

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

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