Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018389.D
Acq On : 27 Dec 2018 10:31
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
12/28/2018 12:30:14 PM

Quant Time: Dec 27 13:49:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 27 13:32:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	237787	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	1075450	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	662329	20.00	ng		0.00
64) Phenanthrene-d10	17.18	188	1570622	20.00	ng		0.00
76) Chrysene-d12	21.37	240	1811556	20.00	ng		0.00
87) Perylene-d12	23.66	264	1951001	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	253025	17.78	ng		0.00
7) Phenol-d6	6.94	99	338056	17.09	ng		0.00
23) Nitrobenzene-d5	8.95	82	362816	17.30	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	142378	14.65	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	983405	19.23	ng		0.00
79) Terphenyl-d14	19.81	244	1734474	21.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	53391	9.469	ng	#	100
3) Pyridine	3.69	79	142735	8.604	ng		97
4) n-Nitrosodimethylamine	3.62	42	51425	9.006	ng	#	67
6) Aniline	7.12	93	216445	8.721	ng		99
8) 2-Chlorophenol	7.35	128	149791	8.906	ng		98
9) Benzaldehyde	6.93	77	136089	11.285	ng		96
10) Phenol	6.96	94	175791	8.390	ng		99
11) bis(2-Chloroethyl)ether	7.22	93	141782	8.514	ng		98
12) 1,3-Dichlorobenzene	7.67	146	184761	9.838	ng		99
13) 1,4-Dichlorobenzene	7.82	146	184889	9.695	ng		97
14) 1,2-Dichlorobenzene	8.13	146	181029	9.847	ng		99
15) Benzyl Alcohol	8.02	79	125745	7.800	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.32	45	225796	15.067	ng		99
17) 2-Methylphenol	8.22	107	127458	9.110	ng		95
18) Hexachloroethane	8.86	117	64388	9.211	ng		95
19) n-Nitroso-di-n-propylamine	8.59	70	135905	9.200	ng		99
20) 3+4-Methylphenols	8.54	107	164026	8.367	ng		98
22) Acetophenone	8.61	105	273103	9.596	ng	#	98
24) Nitrobenzene	8.99	77	178737	8.532	ng		95
25) Isophorone	9.50	82	321116	9.199	ng		99
26) 2-Nitrophenol	9.70	139	47912	4.663	ng		95
27) 2,4-Dimethylphenol	9.75	122	124910	8.435	ng		97
28) bis(2-Chloroethoxy)methane	9.99	93	196173	8.622	ng		99
29) 2,4-Dichlorophenol	10.22	162	134406	8.186	ng		98
30) 1,2,4-Trichlorobenzene	10.44	180	181335	9.709	ng		99
31) Naphthalene	10.63	128	512277	9.742	ng		98
32) Benzoic acid	9.81	122	46102m	3.288	ng		
33) 4-Chloroaniline	10.74	127	228887	9.936	ng		98
34) Hexachlorobutadiene	10.90	225	110290	9.337	ng		98
35) Caprolactam	11.50	113	45197	7.224	ng		95
36) 4-Chloro-3-methylphenol	11.85	107	153316	7.771	ng		96
37) 2-Methylnaphthalene	12.24	142	380747	10.267	ng		99
38) 1-Methylnaphthalene	12.46	142	368372	10.180	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	203677	8.943	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	86871	10.697	ng		98
43) 2,4,6-Trichlorophenol	12.85	196	103153	7.042	ng		96
44) 2,4,5-Trichlorophenol	12.92	196	108892	7.002	ng		99
46) 1,1'-Biphenyl	13.26	154	567092	9.517	ng		100
47) 2-Chloronaphthalene	13.30	162	430507	9.816	ng		100
48) 2-Nitroaniline	13.51	65	90623	6.708	ng		97
49) Acenaphthylene	14.15	152	661283	10.006	ng		99
50) Dimethylphthalate	13.89	163	542809	9.858	ng		100
51) 2,6-Dinitrotoluene	14.01	165	100586	8.310	ng		98
52) Acenaphthene	14.49	154	404210	10.008	ng		98
53) 3-Nitroaniline	14.34	138	108163	8.491	ng		94
54) 2,4-Dinitrophenol	14.54	184	20004	2.996	ng		94
55) Dibenzofuran	14.83	168	658056	10.140	ng		99
56) 4-Nitrophenol	14.63	139	68844	7.128	ng		97
57) 2,4-Dinitrotoluene	14.79	165	120894	7.225	ng	#	83
58) Fluorene	15.48	166	511809	10.211	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	97552	6.965	ng		99
60) Diethylphthalate	15.26	149	568324	9.564	ng		100
61) 4-Chlorophenyl-phenylether	15.48	204	279741	9.868	ng		96
62) 4-Nitroaniline	15.50	138	111934	9.261	ng		99
63) Azobenzene	15.77	77	528950	9.762	ng		97
65) 4,6-Dinitro-2-methylphenol	15.55	198	36020	3.115	ng		89
66) n-Nitrosodiphenylamine	15.69	169	482451	9.289	ng		99
67) 4-Bromophenyl-phenylether	16.37	248	169946	8.934	ng		98
68) Hexachlorobenzene	16.47	284	192111	9.219	ng		97
69) Atrazine	16.64	200	171454	9.778	ng		95
70) Pentachlorophenol	16.82	266	85973	6.247	ng		97
71) Phenanthrene	17.22	178	827216	9.696	ng		100
72) Anthracene	17.31	178	821103	9.702	ng		99
73) Carbazole	17.59	167	850539	9.791	ng		98
74) Di-n-butylphthalate	18.15	149	929256	8.670	ng		99
75) Fluoranthene	19.24	202	966739	9.747	ng		99
77) Benzidine	19.43	184	468525	10.199	ng		99
78) Pyrene	19.60	202	1035123	9.590	ng		99
80) Butylbenzylphthalate	20.52	149	280172	5.456	ng		97
81) Benzo(a)anthracene	21.35	228	1042650	9.853	ng		100
82) 3,3'-Dichlorobenzidine	21.29	252	380236	8.994	ng		99
83) Chrysene	21.40	228	1036637	10.185	ng		100
84) Bis(2-ethylhexyl)phthalate	21.29	149	543321	7.099	ng		99
85) Di-n-octyl phthalate	22.19	149	872955	6.965	ng		97
86) Indeno(1,2,3-cd)pyrene	25.99	276	1253678	12.365	ng	#	100
88) Benzo(b)fluoranthene	22.97	252	1042316	9.511	ng		100
89) Benzo(k)fluoranthene	23.02	252	1075520	9.854	ng		99
90) Benzo(a)pyrene	23.56	252	1009188	9.682	ng		99
91) Dibenzo(a,h)anthracene	26.01	278	1067240	11.053	ng		99
92) Benzo(g,h,i)perylene	26.71	276	1021907	11.197	ng		98

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

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