Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
Data File : BM019212.D
Acq On : 18 Mar 2019 13:02
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/19/2019 5:27:54 PM

Quant Time: Mar 19 07:30:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	177557	20.00	ng		-0.01
21) Naphthalene-d8	10.43	136	843609	20.00	ng		-0.02
39) Acenaphthene-d10	14.30	164	507257	20.00	ng		-0.02
64) Phenanthrene-d10	17.06	188	1107014	20.00	ng		-0.02
76) Chrysene-d12	21.26	240	1003543	20.00	ng		-0.01
87) Perylene-d12	23.49	264	843334	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	1035356	94.43	ng		-0.01
7) Phenol-d6	6.83	99	1600555	99.80	ng		-0.01
23) Nitrobenzene-d5	8.82	82	1718042	96.27	ng		-0.01
42) 2,4,6-Tribromophenol	15.81	330	727119	97.09	ng		-0.01
45) 2-Fluorobiphenyl	12.92	172	3748609	96.13	ng		-0.02
79) Terphenyl-d14	19.70	244	5511410	109.03	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	206317	42.301	ng		99
3) Pyridine	3.61	79	656689	49.489	ng		100
4) n-Nitrosodimethylamine	3.53	42	178758	43.333	ng		96
6) Aniline	7.00	93	991740	47.899	ng		99
8) 2-Chlorophenol	7.22	128	640412	48.607	ng		98
9) Benzaldehyde	6.82	77	460684	45.670	ng		99
10) Phenol	6.86	94	861932	49.871	ng		100
11) bis(2-Chloroethyl)ether	7.09	93	626133	47.477	ng		98
12) 1,3-Dichlorobenzene	7.53	146	667602	47.881	ng		99
13) 1,4-Dichlorobenzene	7.69	146	677478	47.660	ng		98
14) 1,2-Dichlorobenzene	8.00	146	667021	48.230	ng		99
15) Benzyl Alcohol	7.90	79	649903	48.965	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.18	45	622167	46.202	ng		99
17) 2-Methylphenol	8.10	107	557382	49.490	ng		99
18) Hexachloroethane	8.70	117	247282	46.816	ng		97
19) n-Nitroso-di-n-propylamine	8.46	70	633866	48.178	ng		99
20) 3+4-Methylphenols	8.43	107	775465	50.725	ng		98
22) Acetophenone	8.48	105	1088477	46.688	ng	#	99
24) Nitrobenzene	8.86	77	884368	47.647	ng		99
25) Isophorone	9.38	82	1569094	46.077	ng		99
26) 2-Nitrophenol	9.56	139	387207	50.329	ng		99
27) 2,4-Dimethylphenol	9.62	122	557117	48.709	ng		97
28) bis(2-Chloroethoxy)methane	9.86	93	941565	46.695	ng		99
29) 2,4-Dichlorophenol	10.09	162	650552	51.356	ng		98
30) 1,2,4-Trichlorobenzene	10.30	180	693937	48.582	ng		99
31) Naphthalene	10.49	128	2078199	46.739	ng		99
32) Benzoic acid	9.80	122	421086m	43.471	ng		
33) 4-Chloroaniline	10.62	127	894853	49.095	ng		98
34) Hexachlorobutadiene	10.75	225	386082	47.101	ng		99
35) Caprolactam	11.45	113	228792m	50.703	ng		
36) 4-Chloro-3-methylphenol	11.74	107	762558	48.788	ng		98
37) 2-Methylnaphthalene	12.10	142	1532775	47.438	ng		100
38) 1-Methylnaphthalene	12.33	142	1503459	47.207	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	783831	48.850	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.43	237	325882	44.837	ng		98
43) 2,4,6-Trichlorophenol	12.73	196	509392	49.124	ng		98
44) 2,4,5-Trichlorophenol	12.80	196	542210	48.899	ng		99
46) 1,1'-Biphenyl	13.13	154	2121703	47.895	ng		99
47) 2-Chloronaphthalene	13.17	162	1607842	48.624	ng		99
48) 2-Nitroaniline	13.40	65	540699	48.757	ng		97
49) Acenaphthylene	14.03	152	2632740	47.088	ng		99
50) Dimethylphthalate	13.77	163	2009281	46.304	ng		99
51) 2,6-Dinitrotoluene	13.90	165	451515	48.134	ng		97
52) Acenaphthene	14.37	154	1506537	46.894	ng		99
53) 3-Nitroaniline	14.24	138	458249	46.125	ng		99
54) 2,4-Dinitrophenol	14.45	184	263746	48.415	ng		99
55) Dibenzofuran	14.71	168	2421204	46.732	ng		99
56) 4-Nitrophenol	14.56	139	397578	49.013	ng		99
57) 2,4-Dinitrotoluene	14.70	165	626714	46.026	ng		98
58) Fluorene	15.36	166	2005116	46.951	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	469013	45.434	ng		99
60) Diethylphthalate	15.14	149	2030810	46.209	ng		100
61) 4-Chlorophenyl-phenylether	15.36	204	991971	47.825	ng		98
62) 4-Nitroaniline	15.42	138	445217	44.467	ng		97
63) Azobenzene	15.65	77	2184322	47.233	ng		98
65) 4,6-Dinitro-2-methylphenol	15.46	198	278138	38.342	ng		99
66) n-Nitrosodiphenylamine	15.58	169	1702095	48.295	ng		100
67) 4-Bromophenyl-phenylether	16.25	248	601726	49.291	ng		97
68) Hexachlorobenzene	16.36	284	705943	48.641	ng		98
69) Atrazine	16.54	200	454984	38.351	ng		99
70) Pentachlorophenol	16.71	266	369307	42.235	ng		99
71) Phenanthrene	17.10	178	3014461	46.458	ng		100
72) Anthracene	17.19	178	2988339	47.045	ng		99
73) Carbazole	17.47	167	2783121	46.422	ng		99
74) Di-n-butylphthalate	18.03	149	3470754	47.874	ng		100
75) Fluoranthene	19.13	202	3353236	45.037	ng		99
77) Benzidine	19.33	184	1456482	51.175	ng		100
78) Pyrene	19.49	202	3406492	53.650	ng		100
80) Butylbenzylphthalate	20.40	149	1578995	57.095	ng		99
81) Benzo(a)anthracene	21.24	228	2959248	47.003	ng		99
82) 3,3'-Dichlorobenzidine	21.19	252	1081749	44.601	ng		99
83) Chrysene	21.30	228	2824294	46.369	ng		100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2346607	58.323	ng	#	99
85) Di-n-octyl phthalate	22.04	149	3792281	55.974	ng		100
86) Indeno(1,2,3-cd)pyrene	25.76	276	2734715	41.709	ng		100
88) Benzo(b)fluoranthene	22.82	252	2608729	47.739	ng		100
89) Benzo(k)fluoranthene	22.87	252	2441593	48.577	ng		99
90) Benzo(a)pyrene	23.40	252	2326285	47.370	ng		100
91) Dibenzo(a,h)anthracene	25.77	278	2286769	48.678	ng		100
92) Benzo(g,h,i)perylene	26.45	276	2169056	50.292	ng		99

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

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