Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
Data File : BM019124.D
Acq On : 12 Mar 2019 22:34
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
3/13/2019 10:44:58 AM

Quant Time: Mar 13 05:56:06 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	7.66	152	219898	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1070390	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	652054	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1433435	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1492368	20.00	ng	0.00
87) Perylene-d12	23.51	264	1353074	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1080642	79.59	ng	0.00
7) Phenol-d6	6.85	99	1645441	82.85	ng	0.00
23) Nitrobenzene-d5	8.83	82	1817513	80.26	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	789274	81.98	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3927361	78.35	ng	0.00
79) Terphenyl-d14	19.71	244	6232200	82.90	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	229067	37.923	ng	99
3) Pyridine	3.62	79	711146	43.274	ng	99
4) n-Nitrosodimethylamine	3.55	42	202640	39.664	ng	93
6) Aniline	7.01	93	1050180	40.955	ng	100
8) 2-Chlorophenol	7.23	128	670151	41.071	ng	98
9) Benzaldehyde	6.83	77	521142	41.716	ng	98
10) Phenol	6.87	94	893841	41.759	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	664964	40.713	ng	99
12) 1,3-Dichlorobenzene	7.55	146	689747	39.944	ng	98
13) 1,4-Dichlorobenzene	7.70	146	697237	39.605	ng	98
14) 1,2-Dichlorobenzene	8.01	146	679084	39.648	ng	99
15) Benzyl Alcohol	7.92	79	705394	42.913	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.18	45	675511	40.505	ng	98
17) 2-Methylphenol	8.11	107	584531	41.907	ng	100
18) Hexachloroethane	8.72	117	266175	40.689	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	696630	42.753	ng	99
20) 3+4-Methylphenols	8.44	107	813573	42.971	ng	99
22) Acetophenone	8.50	105	1180362	39.903	ng	99
24) Nitrobenzene	8.87	77	945311	40.140	ng	99
25) Isophorone	9.39	82	1757312	40.671	ng	99
26) 2-Nitrophenol	9.57	139	401570	41.137	ng	97
27) 2,4-Dimethylphenol	9.63	122	588608	40.559	ng	97
28) bis(2-Chloroethoxy)methane	9.87	93	1027625	40.166	ng	100
29) 2,4-Dichlorophenol	10.10	162	674890	41.990	ng	98
30) 1,2,4-Trichlorobenzene	10.31	180	711920	39.282	ng	100
31) Naphthalene	10.50	128	2227991	39.491	ng	99
32) Benzoic acid	9.82	122	501537m	40.806	ng	
33) 4-Chloroaniline	10.63	127	954375	41.267	ng	99
34) Hexachlorobutadiene	10.76	225	407719	39.202	ng	99
35) Caprolactam	11.46	113	243340m	42.501	ng	
36) 4-Chloro-3-methylphenol	11.75	107	827903	41.746	ng	98
37) 2-Methylnaphthalene	12.12	142	1628048	39.711	ng	99
38) 1-Methylnaphthalene	12.34	142	1605185	39.723	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	801391	38.853	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	364918	39.059	ng	98
43) 2,4,6-Trichlorophenol	12.74	196	544515	40.850	ng	100
44) 2,4,5-Trichlorophenol	12.81	196	581273	40.781	ng	97
46) 1,1'-Biphenyl	13.15	154	2230112	39.163	ng	98
47) 2-Chloronaphthalene	13.19	162	1667576	39.232	ng	99
48) 2-Nitroaniline	13.42	65	599924	42.085	ng	98
49) Acenaphthylene	14.04	152	2856280	39.742	ng	99
50) Dimethylphthalate	13.79	163	2191166	39.282	ng	99
51) 2,6-Dinitrotoluene	13.92	165	489943	40.632	ng	99
52) Acenaphthene	14.39	154	1610143	38.989	ng	99
53) 3-Nitroaniline	14.25	138	500521	39.192	ng	99
54) 2,4-Dinitrophenol	14.46	184	267901	38.257	ng	99
55) Dibenzofuran	14.72	168	2611889	39.218	ng	99
56) 4-Nitrophenol	14.56	139	411522	39.467	ng	99
57) 2,4-Dinitrotoluene	14.71	165	688059	39.310	ng	98
58) Fluorene	15.37	166	2183403	39.773	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.94	232	530962	40.014	ng	99
60) Diethylphthalate	15.15	149	2233081	39.528	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	1060958	39.792	ng	98
62) 4-Nitroaniline	15.43	138	509146	39.560	ng	98
63) Azobenzene	15.66	77	2440369	41.051	ng	100
65) 4,6-Dinitro-2-methylphenol	15.47	198	366353	39.002	ng	99
66) n-Nitrosodiphenylamine	15.59	169	1840302	40.326	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	638479	40.392	ng	99
68) Hexachlorobenzene	16.37	284	761882	40.541	ng	99
69) Atrazine	16.55	200	622072	40.494	ng	100
70) Pentachlorophenol	16.72	266	459723	40.603	ng	99
71) Phenanthrene	17.12	178	3329343	39.626	ng	100
72) Anthracene	17.20	178	3291246	40.015	ng	99
73) Carbazole	17.49	167	3117481	40.158	ng	99
74) Di-n-butylphthalate	18.04	149	3869865	41.224	ng	100
75) Fluoranthene	19.14	202	3789086	39.302	ng	99
77) Benzidine	19.34	184	1845452	43.602	ng	100
78) Pyrene	19.50	202	3896006	41.261	ng	100
80) Butylbenzylphthalate	20.41	149	1766730	42.958	ng	99
81) Benzo(a)anthracene	21.26	228	3688073	39.392	ng	100
82) 3,3'-Dichlorobenzidine	21.20	252	1472900	40.837	ng	99
83) Chrysene	21.31	228	3556184	39.261	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	2567662	42.914	ng	98
85) Di-n-octyl phthalate	22.06	149	4197341	41.660	ng	99
86) Indeno(1,2,3-cd)pyrene	25.78	276	3435063	35.230	ng	99
88) Benzo(b)fluoranthene	22.83	252	3531775	40.282	ng	99
89) Benzo(k)fluoranthene	22.88	252	3354035	41.591	ng	100
90) Benzo(a)pyrene	23.41	252	3157767	40.078	ng	100
91) Dibenzo(a,h)anthracene	25.79	278	2895755	38.420	ng	99
92) Benzo(g,h,i)perylene	26.47	276	2608613	37.698	ng	100

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

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