Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM019001.D
Acq On : 01 Mar 2019 23:44
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
3/4/2019 12:47:59 PM

Quant Time: Mar 04 06:32:20 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 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	296601	20.00	ng		-0.04
21) Naphthalene-d8	10.47	136	1272168	20.00	ng		-0.04
39) Acenaphthene-d10	14.33	164	753761	20.00	ng		-0.03
64) Phenanthrene-d10	17.09	188	1699704	20.00	ng		-0.03
76) Chrysene-d12	21.29	240	1564872	20.00	ng		-0.02
87) Perylene-d12	23.53	264	1314358	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1401319	77.41	ng		-0.03
7) Phenol-d6	6.86	99	2070237	81.18	ng		-0.03
23) Nitrobenzene-d5	8.85	82	2155781	78.35	ng		-0.04
42) 2,4,6-Tribromophenol	15.83	330	919221	84.60	ng		-0.03
45) 2-Fluorobiphenyl	12.95	172	4412533	77.71	ng		-0.03
79) Terphenyl-d14	19.73	244	7243224	95.48	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	282128	35.783	ng		99
3) Pyridine	3.63	79	832575	38.713	ng		98
4) n-Nitrosodimethylamine	3.56	42	221790	40.538	ng		97
6) Aniline	7.03	93	1243639	39.802	ng		99
8) 2-Chlorophenol	7.25	128	793840	39.942	ng		99
9) Benzaldehyde	6.84	77	545245	38.818	ng		99
10) Phenol	6.89	94	1061117	39.546	ng		99
11) bis(2-Chloroethyl)ether	7.12	93	813159	39.727	ng		100
12) 1,3-Dichlorobenzene	7.57	146	868246	38.851	ng		98
13) 1,4-Dichlorobenzene	7.72	146	891164	39.170	ng		99
14) 1,2-Dichlorobenzene	8.03	146	859074	39.310	ng		100
15) Benzyl Alcohol	7.93	79	833358	41.127	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.21	45	801833	40.475	ng		98
17) 2-Methylphenol	8.13	107	692056	40.523	ng		97
18) Hexachloroethane	8.75	117	331205	39.879	ng		99
19) n-Nitroso-di-n-propylamine	8.49	70	811403	41.094	ng		98
20) 3+4-Methylphenols	8.46	107	956904	40.577	ng		99
22) Acetophenone	8.51	105	1355396	38.796	ng	#	99
24) Nitrobenzene	8.89	77	1091482	38.219	ng		100
25) Isophorone	9.41	82	1748372	39.826	ng		100
26) 2-Nitrophenol	9.60	139	477611	41.995	ng		95
27) 2,4-Dimethylphenol	9.65	122	659366	39.694	ng		98
28) bis(2-Chloroethoxy)methane	9.89	93	1111510	39.154	ng		100
29) 2,4-Dichlorophenol	10.12	162	766349	40.179	ng		99
30) 1,2,4-Trichlorobenzene	10.33	180	855455	38.836	ng		99
31) Naphthalene	10.52	128	2402255	38.718	ng		99
32) Benzoic acid	9.83	122	556239	38.388	ng		95
33) 4-Chloroaniline	10.65	127	1103328	39.781	ng		99
34) Hexachlorobutadiene	10.78	225	486721	38.068	ng		99
35) Caprolactam	11.47	113	312725m	40.174	ng		
36) 4-Chloro-3-methylphenol	11.77	107	924477	40.201	ng		99
37) 2-Methylnaphthalene	12.14	142	1716030	39.283	ng		99
38) 1-Methylnaphthalene	12.36	142	1673087	39.167	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	923151	38.286	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	370164	30.027 ng	98
43) 2,4,6-Trichlorophenol	12.76	196	641828	40.209 ng	100
44) 2,4,5-Trichlorophenol	12.83	196	674877	40.338 ng	99
46) 1,1'-Biphenyl	13.16	154	2503129	38.580 ng	100
47) 2-Chloronaphthalene	13.20	162	1946982	38.851 ng	99
48) 2-Nitroaniline	13.43	65	687159	41.286 ng	97
49) Acenaphthylene	14.06	152	2958543	39.648 ng	99
50) Dimethylphthalate	13.80	163	2397071	38.159 ng	99
51) 2,6-Dinitrotoluene	13.93	165	546157	40.136 ng	98
52) Acenaphthene	14.40	154	1783459	38.978 ng	99
53) 3-Nitroaniline	14.27	138	596277	38.781 ng	100
54) 2,4-Dinitrophenol	14.47	184	268683	34.638 ng	98
55) Dibenzofuran	14.74	168	2926625	38.915 ng	98
56) 4-Nitrophenol	14.57	139	464387	37.836 ng	97
57) 2,4-Dinitrotoluene	14.72	165	768166	40.971 ng	98
58) Fluorene	15.39	166	2280450	39.636 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	572749	38.730 ng	99
60) Diethylphthalate	15.17	149	2487157	38.382 ng	99
61) 4-Chlorophenyl-phenylether	15.39	204	1241809	38.495 ng	96
62) 4-Nitroaniline	15.44	138	577017	38.280 ng	98
63) Azobenzene	15.68	77	2759665	39.719 ng	98
65) 4,6-Dinitro-2-methylphenol	15.49	198	434597	36.417 ng	94
66) n-Nitrosodiphenylamine	15.61	169	2135771	39.772 ng	100
67) 4-Bromophenyl-phenylether	16.28	248	746889	39.258 ng	99
68) Hexachlorobenzene	16.39	284	871762	39.421 ng	96
69) Atrazine	16.56	200	581749	33.603 ng	99
70) Pentachlorophenol	16.74	266	572198	40.186 ng	99
71) Phenanthrene	17.13	178	3532508	38.672 ng	99
72) Anthracene	17.22	178	3523997	39.636 ng	99
73) Carbazole	17.50	167	3654751	39.346 ng	99
74) Di-n-butylphthalate	18.06	149	4355989	40.776 ng	100
75) Fluoranthene	19.16	202	3995103	37.863 ng	99
77) Benzidine	19.36	184	1638923	46.503 ng	99
78) Pyrene	19.52	202	4157999	45.750 ng	99
80) Butylbenzylphthalate	20.42	149	2029301	48.993 ng	99
81) Benzo(a)anthracene	21.27	228	3608733	39.561 ng	99
82) 3,3'-Dichlorobenzidine	21.21	252	1443317	40.035 ng	100
83) Chrysene	21.32	228	3376733	38.621 ng	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	2983857	49.220 ng	100
85) Di-n-octyl phthalate	22.07	149	4665099	45.785 ng	100
86) Indeno(1,2,3-cd)pyrene	25.81	276	3143593	31.142 ng	100
88) Benzo(b)fluoranthene	22.86	252	3012536	40.061 ng	99
89) Benzo(k)fluoranthene	22.90	252	3061838	40.898 ng	99
90) Benzo(a)pyrene	23.44	252	2773847	38.938 ng	100
91) Dibenzo(a,h)anthracene	25.82	278	2709468	38.389 ng	99
92) Benzo(g,h,i)perylene	26.51	276	2521763	38.379 ng	100

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

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