Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
Data File : BM020724.D
Acq On : 05 Jun 2019 06:20
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
6/5/2019 3:41:54 PM

Quant Time: Jun 05 07:10:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	326422	20.00	ng	-0.01
21) Naphthalene-d8	10.62	136	1433042	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	831393	20.00	ng	-0.01
64) Phenanthrene-d10	17.20	188	1726160	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1391905	20.00	ng	-0.02
87) Perylene-d12	23.67	264	1493416	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1587673	85.56	ng	-0.01
7) Phenol-d6	6.99	99	2252460	82.44	ng	0.00
23) Nitrobenzene-d5	8.99	82	2375110	85.87	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	949422	92.17	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	5464586	87.38	ng	-0.01
79) Terphenyl-d14	19.83	244	7136521	85.76	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	318098	41.869	ng	96
3) Pyridine	3.74	79	1030812	42.644	ng	98
4) n-Nitrosodimethylamine	3.66	42	409059	39.257	ng	95
6) Aniline	7.16	93	1581592	40.004	ng	98
8) 2-Chlorophenol	7.39	128	966072	41.848	ng	98
9) Benzaldehyde	6.97	77	660880	42.073	ng	98
10) Phenol	7.02	94	1208265	41.034	ng	97
11) bis(2-Chloroethyl)ether	7.26	93	946993	40.355	ng	97
12) 1,3-Dichlorobenzene	7.71	146	1127815	42.509	ng	97
13) 1,4-Dichlorobenzene	7.86	146	1145092	42.455	ng	99
14) 1,2-Dichlorobenzene	8.17	146	1106381	42.151	ng	99
15) Benzyl Alcohol	8.06	79	942416	38.987	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1350349	37.271	ng	99
17) 2-Methylphenol	8.26	107	828915	40.033	ng	99
18) Hexachloroethane	8.90	117	422251	40.890	ng	95
19) n-Nitroso-di-n-propylamine	8.63	70	836672	38.093	ng	96
20) 3+4-Methylphenols	8.59	107	1133030	40.219	ng	98
22) Acetophenone	8.65	105	1535601	42.182	ng	97
24) Nitrobenzene	9.03	77	1188323	42.086	ng	97
25) Isophorone	9.55	82	2211805	40.202	ng	99
26) 2-Nitrophenol	9.73	139	512075	48.661	ng	98
27) 2,4-Dimethylphenol	9.79	122	833764	42.282	ng	97
28) bis(2-Chloroethoxy)methane	10.03	93	1366571	41.080	ng	99
29) 2,4-Dichlorophenol	10.26	162	966114	44.283	ng	99
30) 1,2,4-Trichlorobenzene	10.47	180	1123590	44.790	ng	99
31) Naphthalene	10.67	128	3130764	42.485	ng	99
32) Benzoic acid	9.93	122	564306m	45.737	ng	
33) 4-Chloroaniline	10.77	127	1431619	41.744	ng	98
34) Hexachlorobutadiene	10.94	225	676409	44.939	ng	99
35) Caprolactam	11.58	113	323932	42.740	ng	96
36) 4-Chloro-3-methylphenol	11.90	107	1052605	41.498	ng	98
37) 2-Methylnaphthalene	12.27	142	2291497	41.952	ng	100
38) 1-Methylnaphthalene	12.50	142	2191382	42.134	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1218239	44.713	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	597924	36.694	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	808653	46.110	ng	98
44) 2,4,5-Trichlorophenol	12.96	196	831588	45.930	ng	97
46) 1,1'-Biphenyl	13.29	154	2995806	43.145	ng	99
47) 2-Chloronaphthalene	13.33	162	2408433	42.977	ng	98
48) 2-Nitroaniline	13.55	65	751128	42.704	ng	90
49) Acenaphthylene	14.18	152	3712416	42.457	ng	99
50) Dimethylphthalate	13.93	163	3030836	42.670	ng	100
51) 2,6-Dinitrotoluene	14.05	165	635348	44.052	ng	90
52) Acenaphthene	14.53	154	2221816	42.638	ng	99
53) 3-Nitroaniline	14.37	138	682142	42.374	ng	94
54) 2,4-Dinitrophenol	14.57	184	151239	29.422	ng	91
55) Dibenzofuran	14.86	168	3430302	42.385	ng	99
56) 4-Nitrophenol	14.67	139	480557	40.509	ng	93
57) 2,4-Dinitrotoluene	14.83	165	859057	44.485	ng	94
58) Fluorene	15.51	166	2814028	42.281	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	705124	44.694	ng	97
60) Diethylphthalate	15.29	149	3028838	41.345	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	1511092	42.881	ng	96
62) 4-Nitroaniline	15.54	138	690968	40.471	ng	94
63) Azobenzene	15.80	77	2710115	38.588	ng	96
65) 4,6-Dinitro-2-methylphenol	15.59	198	267869	36.652	ng	96
66) n-Nitrosodiphenylamine	15.72	169	2404057	43.506	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	910402	44.795	ng	95
68) Hexachlorobenzene	16.50	284	1074996	45.297	ng	97
69) Atrazine	16.67	200	715595	43.390	ng	99
70) Pentachlorophenol	16.85	266	515865	45.564	ng	99
71) Phenanthrene	17.24	178	4160426	42.521	ng	99
72) Anthracene	17.34	178	4141503	42.290	ng	100
73) Carbazole	17.61	167	3624130	40.781	ng	99
74) Di-n-butylphthalate	18.17	149	4724160	40.951	ng	100
75) Fluoranthene	19.26	202	4447708	40.876	ng	100
77) Benzidine	19.44	184	1718170	40.738	ng	99
78) Pyrene	19.62	202	4486001	41.999	ng	100
80) Butylbenzylphthalate	20.52	149	1865620	41.330	ng	95
81) Benzo(a)anthracene	21.36	228	4098151	42.279	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	1568484	44.189	ng	99
83) Chrysene	21.42	228	3890263	42.222	ng	100
84) Bis(2-ethylhexyl)phthalate	21.29	149	2609649	39.779	ng	99
85) Di-n-octyl phthalate	22.19	149	4209318	40.414	ng	98
86) Indeno(1,2,3-cd)pyrene	25.99	276	4747007	50.360	ng	98
88) Benzo(b)fluoranthene	22.98	252	4025718	40.785	ng	99
89) Benzo(k)fluoranthene	23.03	252	4037218	41.854	ng	99
90) Benzo(a)pyrene	23.57	252	3815394	42.615	ng	99
91) Dibenzo(a,h)anthracene	26.00	278	3933962	45.291	ng	99
92) Benzo(g,h,i)perylene	26.70	276	3680076	45.613	ng	99

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

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