Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
Data File : BM018834.D
Acq On : 18 Feb 2019 12:35
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/19/2019 10:03:01 AM

Quant Time: Feb 18 15:35:08 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	7.70	152	284723	20.00	ng		-0.01
21) Naphthalene-d8	10.49	136	1240248	20.00	ng		-0.01
39) Acenaphthene-d10	14.36	164	749782	20.00	ng		0.00
64) Phenanthrene-d10	17.11	188	1754382	20.00	ng		0.00
76) Chrysene-d12	21.30	240	1925056	20.00	ng		0.00
87) Perylene-d12	23.56	264	1823049	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1370715	78.88	ng		-0.01
7) Phenol-d6	6.88	99	2056735	84.02	ng		0.00
23) Nitrobenzene-d5	8.87	82	2207000	82.28	ng		-0.01
42) 2,4,6-Tribromophenol	15.86	330	901773	83.44	ng		0.00
45) 2-Fluorobiphenyl	12.97	172	4427377	78.39	ng		-0.01
79) Terphenyl-d14	19.74	244	7980460	85.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	286290	37.826	ng		99
3) Pyridine	3.65	79	862530	41.779	ng		99
4) n-Nitrosodimethylamine	3.57	42	225272	42.893	ng		91
6) Aniline	7.05	93	1246655	41.563	ng		99
8) 2-Chlorophenol	7.27	128	784205	41.103	ng		98
9) Benzaldehyde	6.86	77	578911	44.600	ng		97
10) Phenol	6.90	94	1077094	41.816	ng		99
11) bis(2-Chloroethyl)ether	7.15	93	819095	41.687	ng		99
12) 1,3-Dichlorobenzene	7.59	146	856339	39.917	ng		99
13) 1,4-Dichlorobenzene	7.74	146	872401	39.945	ng		99
14) 1,2-Dichlorobenzene	8.05	146	844232	40.242	ng		99
15) Benzyl Alcohol	7.96	79	842203	43.297	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	809725	42.578	ng		98
17) 2-Methylphenol	8.15	107	689903	42.082	ng		98
18) Hexachloroethane	8.77	117	316979	39.758	ng		98
19) n-Nitroso-di-n-propylamine	8.52	70	814012	42.946	ng		99
20) 3+4-Methylphenols	8.48	107	969691	42.834	ng		98
22) Acetophenone	8.53	105	1384920	40.662	ng	#	99
24) Nitrobenzene	8.92	77	1126777	40.470	ng		99
25) Isophorone	9.43	82	1773571	41.440	ng		100
26) 2-Nitrophenol	9.62	139	461366	41.610	ng		99
27) 2,4-Dimethylphenol	9.67	122	663044	40.943	ng		98
28) bis(2-Chloroethoxy)methane	9.92	93	1123109	40.581	ng		100
29) 2,4-Dichlorophenol	10.15	162	770738	41.449	ng		99
30) 1,2,4-Trichlorobenzene	10.36	180	843699	39.288	ng		99
31) Naphthalene	10.55	128	2397992	39.644	ng		99
32) Benzoic acid	9.83	122	486840	34.463	ng		93
33) 4-Chloroaniline	10.67	127	1126974	41.680	ng		100
34) Hexachlorobutadiene	10.81	225	475181	38.122	ng		99
35) Caprolactam	11.49	113	324033m	42.698	ng		
36) 4-Chloro-3-methylphenol	11.79	107	953882	42.547	ng		99
37) 2-Methylnaphthalene	12.16	142	1742890	40.925	ng		99
38) 1-Methylnaphthalene	12.38	142	1701718	40.863	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	916774	38.223	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	413581	33.727 ng	98
43) 2,4,6-Trichlorophenol	12.78	196	639447	40.273 ng	98
44) 2,4,5-Trichlorophenol	12.85	196	675031	40.561 ng	98
46) 1,1'-Biphenyl	13.19	154	2567261	39.778 ng	99
47) 2-Chloronaphthalene	13.23	162	1980034	39.720 ng	100
48) 2-Nitroaniline	13.45	65	724699	43.773 ng	99
49) Acenaphthylene	14.08	152	3033955	40.874 ng	99
50) Dimethylphthalate	13.82	163	2516353	40.270 ng	99
51) 2,6-Dinitrotoluene	13.95	165	563471	41.628 ng	100
52) Acenaphthene	14.42	154	1808970	39.745 ng	99
53) 3-Nitroaniline	14.29	138	623580	40.772 ng	98
54) 2,4-Dinitrophenol	14.49	184	317375	40.052 ng	100
55) Dibenzofuran	14.76	168	2999130	40.090 ng	99
56) 4-Nitrophenol	14.59	139	445568	36.495 ng	98
57) 2,4-Dinitrotoluene	14.74	165	800161	42.904 ng	99
58) Fluorene	15.41	166	2328880	40.692 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.99	232	603713	41.040 ng	98
60) Diethylphthalate	15.19	149	2623314	40.698 ng	99
61) 4-Chlorophenyl-phenylether	15.40	204	1273862	39.698 ng	98
62) 4-Nitroaniline	15.46	138	587853	39.206 ng	99
63) Azobenzene	15.70	77	2921709	42.275 ng	100
65) 4,6-Dinitro-2-methylphenol	15.50	198	448052	36.375 ng	99
66) n-Nitrosodiphenylamine	15.63	169	2223769	40.120 ng	100
67) 4-Bromophenyl-phenylether	16.30	248	768573	39.138 ng	96
68) Hexachlorobenzene	16.40	284	890650	39.020 ng	98
69) Atrazine	16.58	200	692615	38.760 ng	99
70) Pentachlorophenol	16.75	266	601780	40.946 ng	100
71) Phenanthrene	17.15	178	3756330	39.841 ng	100
72) Anthracene	17.24	178	3740794	40.763 ng	99
73) Carbazole	17.52	167	3913915	40.823 ng	99
74) Di-n-butylphthalate	18.07	149	4602292	41.739 ng	100
75) Fluoranthene	19.17	202	4396802	40.371 ng	99
77) Benzidine	19.37	184	1469632	33.898 ng	100
78) Pyrene	19.54	202	4620417	41.326 ng	100
80) Butylbenzylphthalate	20.44	149	2207682	43.327 ng	99
81) Benzo(a)anthracene	21.29	228	4513498	40.222 ng	100
82) 3,3'-Dichlorobenzidine	21.23	252	1725764	38.913 ng	100
83) Chrysene	21.34	228	4332180	40.278 ng	100
84) Bis(2-ethylhexyl)phthalate	21.21	149	3241437	43.464 ng	100
85) Di-n-octyl phthalate	22.09	149	5455921	43.528 ng	100
86) Indeno(1,2,3-cd)pyrene	25.85	276	4245416	34.188 ng	99
88) Benzo(b)fluoranthene	22.88	252	4414702	42.326 ng	99
89) Benzo(k)fluoranthene	22.93	252	4250396	40.932 ng	100
90) Benzo(a)pyrene	23.46	252	4010363	40.587 ng	99
91) Dibenzo(a,h)anthracene	25.86	278	3620400	36.983 ng	99
92) Benzo(g,h,i)perylene	26.55	276	3300831	36.218 ng	99

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

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