Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
Data File : BM018472.D
Acq On : 09 Jan 2019 14:27
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/10/2019 3:11:56 PM

Quant Time: Jan 10 05:58:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 12:39:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	347038	20.00	ng		0.00
21) Naphthalene-d8	10.55	136	1376485	20.00	ng		0.00
39) Acenaphthene-d10	14.41	164	790085	20.00	ng		0.00
64) Phenanthrene-d10	17.16	188	1779235	20.00	ng		0.00
76) Chrysene-d12	21.36	240	1940332	20.00	ng		0.00
87) Perylene-d12	23.64	264	1981034	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1537423	81.80	ng		0.00
7) Phenol-d6	6.93	99	1957206	81.99	ng		0.00
23) Nitrobenzene-d5	8.93	82	1924256	81.04	ng		0.00
42) 2,4,6-Tribromophenol	15.90	330	855961	85.09	ng		0.00
45) 2-Fluorobiphenyl	13.03	172	4777211	78.90	ng		0.00
79) Terphenyl-d14	19.79	244	7685488	83.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	302090	39.437	ng		96
3) Pyridine	3.69	79	805807	42.194	ng		96
4) n-Nitrosodimethylamine	3.60	42	333716	42.257	ng	#	93
6) Aniline	7.10	93	1107998	41.610	ng		100
8) 2-Chlorophenol	7.33	128	898377	40.928	ng		95
9) Benzaldehyde	6.92	77	552991	40.350	ng		96
10) Phenol	6.96	94	984059	40.568	ng		98
11) bis(2-Chloroethyl)ether	7.19	93	766565	40.219	ng		96
12) 1,3-Dichlorobenzene	7.65	146	1048956	40.127	ng		98
13) 1,4-Dichlorobenzene	7.80	146	1056420	39.872	ng		98
14) 1,2-Dichlorobenzene	8.11	146	1008201	40.130	ng		99
15) Benzyl Alcohol	8.00	79	729819	42.330	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.29	45	971742	39.895	ng		95
17) 2-Methylphenol	8.20	107	683902	41.535	ng		97
18) Hexachloroethane	8.83	117	378498	40.066	ng		95
19) n-Nitroso-di-n-propylamine	8.57	70	630689	40.599	ng		96
20) 3+4-Methylphenols	8.53	107	940273	41.367	ng		98
22) Acetophenone	8.59	105	1362837	40.024	ng	#	99
24) Nitrobenzene	8.97	77	946154	40.498	ng		98
25) Isophorone	9.49	82	1486039	41.330	ng		98
26) 2-Nitrophenol	9.67	139	481867	42.655	ng		96
27) 2,4-Dimethylphenol	9.73	122	693847	40.977	ng		99
28) bis(2-Chloroethoxy)methane	9.97	93	999329	40.233	ng		99
29) 2,4-Dichlorophenol	10.20	162	850267	42.170	ng		97
30) 1,2,4-Trichlorobenzene	10.42	180	1000138	39.964	ng		98
31) Naphthalene	10.60	128	2643032	39.870	ng		99
32) Benzoic acid	9.86	122	449123m	40.560	ng		
33) 4-Chloroaniline	10.72	127	1102850	42.243	ng		99
34) Hexachlorobutadiene	10.87	225	630388	39.872	ng		98
35) Caprolactam	11.52	113	292005m	42.597	ng		
36) 4-Chloro-3-methylphenol	11.85	107	898541	42.478	ng		99
37) 2-Methylnaphthalene	12.22	142	1878461	40.106	ng		99
38) 1-Methylnaphthalene	12.44	142	1811515	39.973	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	1088638	39.402	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	627551	41.386 ng	100
43) 2,4,6-Trichlorophenol	12.83	196	701367	41.803 ng	100
44) 2,4,5-Trichlorophenol	12.91	196	739783	41.925 ng	99
46) 1,1'-Biphenyl	13.24	154	2706442	39.232 ng	99
47) 2-Chloronaphthalene	13.28	162	2118698	39.605 ng	99
48) 2-Nitroaniline	13.50	65	555635	42.217 ng	93
49) Acenaphthylene	14.13	152	3138847	40.262 ng	100
50) Dimethylphthalate	13.87	163	2608491	40.200 ng	99
51) 2,6-Dinitrotoluene	14.00	165	568017	41.326 ng	95
52) Acenaphthene	14.47	154	1888794	39.597 ng	99
53) 3-Nitroaniline	14.33	138	584393	42.174 ng	98
54) 2,4-Dinitrophenol	14.53	184	250651	37.856 ng	93
55) Dibenzofuran	14.81	168	3121449	39.605 ng	97
56) 4-Nitrophenol	14.65	139	491680	41.073 ng	94
57) 2,4-Dinitrotoluene	14.78	165	785598	40.396 ng	98
58) Fluorene	15.46	166	2348434	39.999 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.03	232	652805	41.738 ng	99
60) Diethylphthalate	15.23	149	2655740	40.542 ng	99
61) 4-Chlorophenyl-phenylether	15.46	204	1349369	39.876 ng	98
62) 4-Nitroaniline	15.50	138	631214	41.762 ng	97
63) Azobenzene	15.75	77	2200740	41.207 ng	96
65) 4,6-Dinitro-2-methylphenol	15.54	198	429416	39.004 ng	92
66) n-Nitrosodiphenylamine	15.67	169	2241204	40.608 ng	99
67) 4-Bromophenyl-phenylether	16.35	248	807687	40.566 ng	97
68) Hexachlorobenzene	16.45	284	902736	40.500 ng	97
69) Atrazine	16.63	200	836858	41.943 ng	99
70) Pentachlorophenol	16.80	266	615292	42.149 ng	97
71) Phenanthrene	17.20	178	3817068	40.334 ng	100
72) Anthracene	17.29	178	3735228	41.045 ng	100
73) Carbazole	17.57	167	3865890	41.348 ng	99
74) Di-n-butylphthalate	18.13	149	4410191	43.063 ng	100
75) Fluoranthene	19.22	202	4485980	41.114 ng	98
77) Benzidine	19.42	184	2336027m	48.759 ng	
78) Pyrene	19.59	202	4703811	40.898 ng	100
80) Butylbenzylphthalate	20.49	149	2030925	41.382 ng	96
81) Benzo(a)anthracene	21.34	228	4630672	40.510 ng	100
82) 3,3'-Dichlorobenzidine	21.28	252	1845540	42.696 ng	99
83) Chrysene	21.39	228	4486030	40.641 ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	2948775	41.609 ng	99
85) Di-n-octyl phthalate	22.16	149	5025064	42.159 ng	95
86) Indeno(1,2,3-cd)pyrene	25.96	276	5224508	41.047 ng	97
88) Benzo(b)fluoranthene	22.95	252	4627167	41.142 ng	98
89) Benzo(k)fluoranthene	23.00	252	4502821	39.727 ng	98
90) Benzo(a)pyrene	23.54	252	4378787	40.668 ng	98
91) Dibenzo(a,h)anthracene	25.97	278	4419259	40.507 ng	99
92) Benzo(g,h,i)perylene	26.67	276	4287497	40.385 ng	98

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

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