Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\
Data File : BM019262.D
Acq On : 20 Mar 2019 15:18
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/22/2019 6:04:41 PM

Quant Time: Mar 21 17:23:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 21 17:06:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	176817	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	860120	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	539243	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	1196732	20.00	ng	0.00
76) Chrysene-d12	21.25	240	1123231	20.00	ng	0.00
87) Perylene-d12	23.47	264	955895	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	814668	74.62	ng	0.00
7) Phenol-d6	6.82	99	1282836	80.33	ng	0.00
23) Nitrobenzene-d5	8.80	82	1394768	76.65	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	646154	81.16	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	3156496	76.14	ng	0.00
79) Terphenyl-d14	19.69	244	4907786	86.74	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	165495	34.074	ng	100
3) Pyridine	3.60	79	541898	41.009	ng	100
4) n-Nitrosodimethylamine	3.52	42	142753	34.750	ng	100
6) Aniline	6.98	93	812446	39.404	ng	100
8) 2-Chlorophenol	7.20	128	516614	39.375	ng	100
9) Benzaldehyde	6.80	77	372844	37.116	ng	100
10) Phenol	6.85	94	691085	40.153	ng	100
11) bis(2-Chloroethyl)ether	7.08	93	511696	38.962	ng	100
12) 1,3-Dichlorobenzene	7.52	146	529522	38.137	ng	100
13) 1,4-Dichlorobenzene	7.67	146	539673	38.124	ng	100
14) 1,2-Dichlorobenzene	7.98	146	534330	38.798	ng	100
15) Benzyl Alcohol	7.89	79	526771	39.854	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.16	45	518380	38.656	ng	100
17) 2-Methylphenol	8.08	107	455686	40.630	ng	100
18) Hexachloroethane	8.69	117	201430	38.294	ng	100
19) n-Nitroso-di-n-propylamine	8.45	70	535947	40.906	ng	100
20) 3+4-Methylphenols	8.41	107	635815	41.764	ng	100
22) Acetophenone	8.47	105	912689	38.397	ng	100
24) Nitrobenzene	8.85	77	722783	38.194	ng	100
25) Isophorone	9.36	82	1359068	39.143	ng	100
26) 2-Nitrophenol	9.55	139	315124	40.173	ng	100
27) 2,4-Dimethylphenol	9.60	122	463342	39.733	ng	100
28) bis(2-Chloroethoxy)methane	9.85	93	796297	38.733	ng	100
29) 2,4-Dichlorophenol	10.07	162	531201	41.129	ng	100
30) 1,2,4-Trichlorobenzene	10.28	180	565584	38.836	ng	100
31) Naphthalene	10.47	128	1737080	38.317	ng	100
32) Benzoic acid	9.78	122	358452m	36.294	ng	
33) 4-Chloroaniline	10.60	127	749626	40.338	ng	100
34) Hexachlorobutadiene	10.73	225	317923	38.041	ng	100
35) Caprolactam	11.42	113	201284m	43.750	ng	
36) 4-Chloro-3-methylphenol	11.73	107	647499	40.631	ng	100
37) 2-Methylnaphthalene	12.09	142	1281387	38.896	ng	100
38) 1-Methylnaphthalene	12.31	142	1267819	39.044	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	651811	38.212	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	269437	34.872	ng	100
43) 2,4,6-Trichlorophenol	12.71	196	438096	39.742	ng	100
44) 2,4,5-Trichlorophenol	12.79	196	468740	39.765	ng	100
46) 1,1'-Biphenyl	13.12	154	1798373	38.188	ng	100
47) 2-Chloronaphthalene	13.16	162	1353334	38.500	ng	100
48) 2-Nitroaniline	13.39	65	464816	39.428	ng	100
49) Acenaphthylene	14.02	152	2273545	38.252	ng	100
50) Dimethylphthalate	13.76	163	1756111	38.069	ng	100
51) 2,6-Dinitrotoluene	13.89	165	392654	39.376	ng	100
52) Acenaphthene	14.36	154	1299879	38.061	ng	100
53) 3-Nitroaniline	14.23	138	398336	37.716	ng	100
54) 2,4-Dinitrophenol	14.44	184	274148	47.339	ng	100
55) Dibenzofuran	14.69	168	2111262	38.333	ng	100
56) 4-Nitrophenol	14.54	139	389381	45.155	ng	100
57) 2,4-Dinitrotoluene	14.69	165	554717	38.322	ng	100
58) Fluorene	15.34	166	1745420	38.446	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.92	232	423744	38.614	ng	100
60) Diethylphthalate	15.13	149	1803287	38.598	ng	100
61) 4-Chlorophenyl-phenylether	15.34	204	849377	38.521	ng	100
62) 4-Nitroaniline	15.40	138	396736	37.274	ng	100
63) Azobenzene	15.64	77	1917751	39.009	ng	100
65) 4,6-Dinitro-2-methylphenol	15.44	198	273713	34.903	ng	100
66) n-Nitrosodiphenylamine	15.57	169	1489973	39.107	ng	100
67) 4-Bromophenyl-phenylether	16.24	248	528441	40.043	ng	100
68) Hexachlorobenzene	16.34	284	627017	39.964	ng	100
69) Atrazine	16.53	200	440261	34.327	ng	100
70) Pentachlorophenol	16.70	266	339945	35.962	ng	100
71) Phenanthrene	17.09	178	2648542	37.758	ng	100
72) Anthracene	17.18	178	2645949	38.532	ng	100
73) Carbazole	17.46	167	2452637	37.842	ng	100
74) Di-n-butylphthalate	18.02	149	3124266	39.864	ng	100
75) Fluoranthene	19.12	202	2932505	36.434	ng	100
77) Benzidine	19.32	184	1307663	41.050	ng	100
78) Pyrene	19.48	202	3024034	42.551	ng	100
80) Butylbenzylphthalate	20.39	149	1381925	44.644	ng	100
81) Benzo(a)anthracene	21.23	228	2674785	37.958	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	1043420	38.437	ng	100
83) Chrysene	21.29	228	2559949	37.551	ng	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	2056323	45.662	ng	100
85) Di-n-octyl phthalate	22.03	149	3257102	42.952	ng	100
86) Indeno(1,2,3-cd)pyrene	25.73	276	2498980	34.052	ng	100
88) Benzo(b)fluoranthene	22.81	252	2366270	38.203	ng	100
89) Benzo(k)fluoranthene	22.85	252	2264806	39.754	ng	100
90) Benzo(a)pyrene	23.38	252	2120182	38.090	ng	100
91) Dibenzo(a,h)anthracene	25.74	278	2084766	39.153	ng	100
92) Benzo(g,h,i)perylene	26.42	276	1966279	40.222	ng	100

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

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