Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\
Data File : BM018853.D
Acq On : 19 Feb 2019 12:56
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/20/2019 10:18:34 AM

Quant Time: Feb 19 17:12:38 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	318300	20.00	ng		-0.01
21) Naphthalene-d8	10.49	136	1359595	20.00	ng		-0.01
39) Acenaphthene-d10	14.36	164	797037	20.00	ng		0.00
64) Phenanthrene-d10	17.10	188	1835720	20.00	ng		-0.01
76) Chrysene-d12	21.30	240	1924171	20.00	ng		-0.01
87) Perylene-d12	23.55	264	1679432	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1618850	83.33	ng		-0.01
7) Phenol-d6	6.88	99	2348584	85.82	ng		0.00
23) Nitrobenzene-d5	8.87	82	2491913	84.75	ng		-0.01
42) 2,4,6-Tribromophenol	15.85	330	992743	86.41	ng		-0.01
45) 2-Fluorobiphenyl	12.97	172	4886861	81.39	ng		-0.01
79) Terphenyl-d14	19.74	244	8314211	89.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	340041	40.188	ng		99
3) Pyridine	3.65	79	1030769	44.661	ng		99
4) n-Nitrosodimethylamine	3.57	42	271669	46.270	ng		95
6) Aniline	7.05	93	1430142	42.650	ng		99
8) 2-Chlorophenol	7.27	128	901760	42.279	ng		97
9) Benzaldehyde	6.86	77	657010	45.562	ng		97
10) Phenol	6.90	94	1230977	42.749	ng		98
11) bis(2-Chloroethyl)ether	7.15	93	930693	42.370	ng		100
12) 1,3-Dichlorobenzene	7.59	146	986504	41.133	ng		99
13) 1,4-Dichlorobenzene	7.74	146	1006475	41.222	ng		99
14) 1,2-Dichlorobenzene	8.05	146	972146	41.451	ng		99
15) Benzyl Alcohol	7.96	79	959372	44.118	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.22	45	929882	43.739	ng		95
17) 2-Methylphenol	8.15	107	780846	42.605	ng		99
18) Hexachloroethane	8.77	117	369323	41.437	ng		99
19) n-Nitroso-di-n-propylamine	8.52	70	923170	43.567	ng		100
20) 3+4-Methylphenols	8.48	107	1098140	43.391	ng		98
22) Acetophenone	8.53	105	1549495	41.500	ng	#	98
24) Nitrobenzene	8.92	77	1277045	41.841	ng		100
25) Isophorone	9.43	82	1994968	42.521	ng		99
26) 2-Nitrophenol	9.62	139	523966	43.108	ng		98
27) 2,4-Dimethylphenol	9.67	122	741129	41.747	ng		98
28) bis(2-Chloroethoxy)methane	9.92	93	1252390	41.280	ng		100
29) 2,4-Dichlorophenol	10.15	162	871860	42.771	ng		99
30) 1,2,4-Trichlorobenzene	10.35	180	946654	40.213	ng		98
31) Naphthalene	10.55	128	2735230	41.250	ng		99
32) Benzoic acid	9.84	122	587624	37.946	ng		98
33) 4-Chloroaniline	10.67	127	1266648	42.733	ng		99
34) Hexachlorobutadiene	10.80	225	531380	38.889	ng		100
35) Caprolactam	11.49	113	361762m	43.486	ng		
36) 4-Chloro-3-methylphenol	11.79	107	1056363	42.982	ng		100
37) 2-Methylnaphthalene	12.16	142	1917163	41.066	ng		99
38) 1-Methylnaphthalene	12.38	142	1876648	41.107	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	1011899	39.688	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	449494	34.482 ng	98
43) 2,4,6-Trichlorophenol	12.78	196	714784	42.348 ng	100
44) 2,4,5-Trichlorophenol	12.85	196	743128	42.006 ng	98
46) 1,1'-Biphenyl	13.19	154	2813926	41.015 ng	99
47) 2-Chloronaphthalene	13.23	162	2187983	41.290 ng	100
48) 2-Nitroaniline	13.45	65	811317	46.099 ng	99
49) Acenaphthylene	14.07	152	3337695	42.300 ng	99
50) Dimethylphthalate	13.82	163	2753804	41.457 ng	99
51) 2,6-Dinitrotoluene	13.95	165	621233	43.174 ng	99
52) Acenaphthene	14.42	154	1991252	41.156 ng	100
53) 3-Nitroaniline	14.29	138	688513	42.349 ng	99
54) 2,4-Dinitrophenol	14.49	184	310918	37.363 ng	99
55) Dibenzofuran	14.76	168	3299465	41.490 ng	99
56) 4-Nitrophenol	14.59	139	584851	45.063 ng	98
57) 2,4-Dinitrotoluene	14.74	165	872673	44.018 ng	97
58) Fluorene	15.40	166	2555024	41.997 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.98	232	648270	41.456 ng	99
60) Diethylphthalate	15.19	149	2866064	41.828 ng	100
61) 4-Chlorophenyl-phenylether	15.40	204	1398973	41.013 ng	98
62) 4-Nitroaniline	15.46	138	653967	41.030 ng	99
63) Azobenzene	15.70	77	3213056	43.734 ng	100
65) 4,6-Dinitro-2-methylphenol	15.50	198	479999	37.242 ng	99
66) n-Nitrosodiphenylamine	15.62	169	2417703	41.686 ng	99
67) 4-Bromophenyl-phenylether	16.30	248	837364	40.752 ng	99
68) Hexachlorobenzene	16.40	284	967656	40.515 ng	97
69) Atrazine	16.58	200	709361	37.938 ng	99
70) Pentachlorophenol	16.75	266	653154	42.473 ng	100
71) Phenanthrene	17.15	178	4065804	41.213 ng	100
72) Anthracene	17.24	178	4022190	41.888 ng	100
73) Carbazole	17.52	167	4169547	41.562 ng	100
74) Di-n-butylphthalate	18.07	149	4996564	43.307 ng	100
75) Fluoranthene	19.17	202	4645227	40.763 ng	98
77) Benzidine	19.37	184	1611009	37.176 ng	100
78) Pyrene	19.53	202	4905813	43.898 ng	99
80) Butylbenzylphthalate	20.44	149	2390170	46.930 ng	99
81) Benzo(a)anthracene	21.29	228	4658443	41.533 ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	1788429	40.345 ng	100
83) Chrysene	21.34	228	4495853	41.819 ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	3474871	46.616 ng	98
85) Di-n-octyl phthalate	22.09	149	5778175	46.120 ng	99
86) Indeno(1,2,3-cd)pyrene	25.84	276	4014819	32.346 ng	99
88) Benzo(b)fluoranthene	22.87	252	4276901	44.511 ng	100
89) Benzo(k)fluoranthene	22.92	252	4149354	43.376 ng	99
90) Benzo(a)pyrene	23.46	252	3830739	42.084 ng	99
91) Dibenzo(a,h)anthracene	25.85	278	3476318	38.548 ng	99
92) Benzo(g,h,i)perylene	26.54	276	3134053	37.329 ng	98

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

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