Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
Data File : BM017591.D
Acq On : 09 Nov 2018 14:55
Operator : MJ/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/12/2018 11:53:07 AM

Quant Time: Nov 12 00:37:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 15:08:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	219712	20.00	ng		-0.02
21) Naphthalene-d8	10.39	136	1005167	20.00	ng		-0.03
39) Acenaphthene-d10	14.27	164	612985	20.00	ng		-0.02
64) Phenanthrene-d10	17.02	188	1463035	20.00	ng		-0.02
76) Chrysene-d12	21.22	240	1735660	20.00	ng		-0.02
87) Perylene-d12	23.42	264	1708276	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	1037595	79.87	ng		-0.02
7) Phenol-d6	6.81	99	1474286	83.33	ng		-0.02
23) Nitrobenzene-d5	8.78	82	1540689	89.65	ng		-0.02
42) 2,4,6-Tribromophenol	15.77	330	762735	92.01	ng		-0.02
45) 2-Fluorobiphenyl	12.88	172	3712974	80.59	ng		-0.02
79) Terphenyl-d14	19.66	244	6434663	83.56	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	248149	37.409	ng	#	81
3) Pyridine	3.62	79	628036	41.148	ng	#	77
4) n-Nitrosodimethylamine	3.54	42	279661	45.642	ng	#	63
6) Aniline	6.97	93	913565	41.283	ng		95
8) 2-Chlorophenol	7.19	128	629028	41.856	ng		96
9) Benzaldehyde	6.78	77	414850	36.775	ng		90
10) Phenol	6.83	94	772800	40.586	ng		97
11) bis(2-Chloroethyl)ether	7.06	93	602584	39.699	ng		97
12) 1,3-Dichlorobenzene	7.51	146	693730	39.599	ng		95
13) 1,4-Dichlorobenzene	7.66	146	709468	39.638	ng		98
14) 1,2-Dichlorobenzene	7.97	146	695102	40.307	ng		97
15) Benzyl Alcohol	7.87	79	604686	46.759	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.15	45	889933	41.965	ng		96
17) 2-Methylphenol	8.07	107	521014	42.630	ng		96
18) Hexachloroethane	8.68	117	255410	41.697	ng		99
19) n-Nitroso-di-n-propylamine	8.43	70	534468	45.878	ng		95
20) 3+4-Methylphenols	8.40	107	733298	43.868	ng		96
22) Acetophenone	8.45	105	1001482	39.305	ng	#	96
24) Nitrobenzene	8.82	77	776700	42.724	ng		95
25) Isophorone	9.34	82	1223351	43.106	ng		97
26) 2-Nitrophenol	9.52	139	372597	44.292	ng		94
27) 2,4-Dimethylphenol	9.59	122	522678	41.651	ng		99
28) bis(2-Chloroethoxy)methane	9.82	93	813587	40.730	ng		100
29) 2,4-Dichlorophenol	10.05	162	630325	43.261	ng		99
30) 1,2,4-Trichlorobenzene	10.26	180	703109	40.226	ng		98
31) Naphthalene	10.45	128	1961340	39.817	ng		100
32) Benzoic acid	9.76	122	443670	47.384	ng		92
33) 4-Chloroaniline	10.57	127	898271	42.223	ng		97
34) Hexachlorobutadiene	10.72	225	438120	39.560	ng		100
35) Caprolactam	11.37	113	235526m	44.355	ng		
36) 4-Chloro-3-methylphenol	11.70	107	726597	44.241	ng		95
37) 2-Methylnaphthalene	12.06	142	1417577	42.054	ng		98
38) 1-Methylnaphthalene	12.29	142	1386907	42.274	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.44	216	860534	39.863	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.41	237	437293	41.902 ng		99
43) 2,4,6-Trichlorophenol	12.69	196	549568	43.855 ng		100
44) 2,4,5-Trichlorophenol	12.76	196	581474	43.271 ng		97
46) 1,1'-Biphenyl	13.09	154	2180288	39.525 ng		99
47) 2-Chloronaphthalene	13.13	162	1623388	40.003 ng		99
48) 2-Nitroaniline	13.35	65	529505	46.400 ng		97
49) Acenaphthylene	13.99	152	2480216	42.165 ng		99
50) Dimethylphthalate	13.74	163	2028213	42.887 ng		99
51) 2,6-Dinitrotoluene	13.86	165	463274	44.508 ng		94
52) Acenaphthene	14.33	154	1515223	41.026 ng		99
53) 3-Nitroaniline	14.19	138	495395	43.944 ng		91
54) 2,4-Dinitrophenol	14.40	184	249909	44.944 ng		99
55) Dibenzofuran	14.67	168	2491852	40.572 ng		98
56) 4-Nitrophenol	14.50	139	390195	40.455 ng		89
57) 2,4-Dinitrotoluene	14.65	165	648045	46.323 ng	#	89
58) Fluorene	15.32	166	1934408	42.551 ng		99
59) 2,3,4,6-Tetrachlorophenol	14.90	232	546394	44.607 ng		98
60) Diethylphthalate	15.11	149	2105670	44.897 ng		100
61) 4-Chlorophenyl-phenylether	15.32	204	1087626	41.966 ng		97
62) 4-Nitroaniline	15.36	138	495775	40.258 ng		93
63) Azobenzene	15.62	77	2065889	45.318 ng		96
65) 4,6-Dinitro-2-methylphenol	15.42	198	418000	45.004 ng		92
66) n-Nitrosodiphenylamine	15.54	169	1859382	42.007 ng		99
67) 4-Bromophenyl-phenylether	16.22	248	680224	42.344 ng		93
68) Hexachlorobenzene	16.32	284	774372	41.498 ng		98
69) Atrazine	16.50	200	623407	39.351 ng		98
70) Pentachlorophenol	16.67	266	549140	42.959 ng		99
71) Phenanthrene	17.06	178	3148487	39.887 ng		100
72) Anthracene	17.15	178	3152006	42.025 ng		100
73) Carbazole	17.43	167	3261184	42.566 ng		100
74) Di-n-butylphthalate	18.00	149	3665092	45.356 ng		100
75) Fluoranthene	19.09	202	3779821	42.554 ng		98
77) Benzidine	19.29	184	1725184	39.200 ng		99
78) Pyrene	19.45	202	4019789	41.438 ng		100
80) Butylbenzylphthalate	20.37	149	1745895	47.401 ng		95
81) Benzo(a)anthracene	21.20	228	3991910	40.870 ng		100
82) 3,3'-Dichlorobenzidine	21.14	252	1625534	44.654 ng		98
83) Chrysene	21.26	228	3840027	39.721 ng		99
84) Bis(2-ethylhexyl)phthalate	21.14	149	2510623	44.845 ng		100
85) Di-n-octyl phthalate	22.02	149	4166922	44.066 ng		97
86) Indeno(1,2,3-cd)pyrene	25.61	276	3855451	35.655 ng		99
88) Benzo(b)fluoranthene	22.76	252	3989538	42.716 ng		100
89) Benzo(k)fluoranthene	22.81	252	3778213	40.315 ng		99
90) Benzo(a)pyrene	23.32	252	3670143	41.387 ng		100
91) Dibenzo(a,h)anthracene	25.62	278	3306892	37.555 ng		99
92) Benzo(g,h,i)perylene	26.28	276	3104285	35.570 ng		99

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

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