Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM113018\
Data File : BM017816.D
Acq On : 30 Nov 2018 10:04
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
12/3/2018 3:34:22 PM

Quant Time: Nov 30 14:09:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 30 13:21:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	228047	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	963212	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	529035	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	1054292	20.00	ng		0.00
76) Chrysene-d12	21.19	240	847401	20.00	ng		0.00
87) Perylene-d12	23.38	264	818284	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	995173	73.65	ng		0.00
7) Phenol-d6	6.77	99	1387725	73.53	ng		0.00
23) Nitrobenzene-d5	8.75	82	1467337	78.64	ng		0.00
42) 2,4,6-Tribromophenol	15.74	330	575509	75.71	ng		0.00
45) 2-Fluorobiphenyl	12.85	172	3321851	81.46	ng		0.00
79) Terphenyl-d14	19.63	244	3308255	88.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	193697	34.418	ng		89
3) Pyridine	3.59	79	576828	34.943	ng		88
4) n-Nitrosodimethylamine	3.51	42	225461	31.005	ng		90
6) Aniline	6.93	93	864717	36.948	ng		99
8) 2-Chlorophenol	7.16	128	616341	38.112	ng		96
9) Benzaldehyde	6.75	77	442943	32.219	ng		97
10) Phenol	6.80	94	724277	36.563	ng		97
11) bis(2-Chloroethyl)ether	7.03	93	592950	37.918	ng		96
12) 1,3-Dichlorobenzene	7.47	146	700948	38.633	ng		98
13) 1,4-Dichlorobenzene	7.62	146	721168	38.778	ng		99
14) 1,2-Dichlorobenzene	7.93	146	690690	38.302	ng		99
15) Benzyl Alcohol	7.83	79	562507	37.427	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.12	45	721188	30.290	ng		91
17) 2-Methylphenol	8.03	107	503626	37.740	ng		99
18) Hexachloroethane	8.65	117	266153	40.606	ng		97
19) n-Nitroso-di-n-propylamine	8.40	70	516708	38.131	ng		92
20) 3+4-Methylphenols	8.36	107	696137	37.546	ng		97
22) Acetophenone	8.41	105	951117	39.564	ng		95
24) Nitrobenzene	8.79	77	728085	38.462	ng		99
25) Isophorone	9.30	82	1167248	40.505	ng		99
26) 2-Nitrophenol	9.49	139	353344	40.524	ng		99
27) 2,4-Dimethylphenol	9.55	122	496824	39.536	ng		98
28) bis(2-Chloroethoxy)methane	9.79	93	773178	39.615	ng		98
29) 2,4-Dichlorophenol	10.01	162	588134	40.318	ng		100
30) 1,2,4-Trichlorobenzene	10.22	180	679401	40.044	ng		97
31) Naphthalene	10.40	128	1868081	39.446	ng		99
32) Benzoic acid	9.72	122	447262m	39.291	ng		
33) 4-Chloroaniline	10.53	127	796004	38.380	ng		99
34) Hexachlorobutadiene	10.68	225	432555	41.067	ng		99
35) Caprolactam	11.33	113	197830	36.826	ng	#	83
36) 4-Chloro-3-methylphenol	11.66	107	640517	38.031	ng		99
37) 2-Methylnaphthalene	12.03	142	1294404	38.672	ng		99
38) 1-Methylnaphthalene	12.25	142	1256865	38.297	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	774624	41.523	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	411490	42.687 ng	98
43) 2,4,6-Trichlorophenol	12.65	196	493673	42.248 ng	98
44) 2,4,5-Trichlorophenol	12.73	196	493678	40.013 ng	99
46) 1,1'-Biphenyl	13.06	154	1922097	40.476 ng	100
47) 2-Chloronaphthalene	13.10	162	1412853	40.084 ng	99
48) 2-Nitroaniline	13.32	65	415752	38.141 ng	96
49) Acenaphthylene	13.95	152	2102871	39.709 ng	100
50) Dimethylphthalate	13.71	163	1669940	38.825 ng	99
51) 2,6-Dinitrotoluene	13.83	165	373563	39.003 ng	97
52) Acenaphthene	14.30	154	1269846	39.073 ng	100
53) 3-Nitroaniline	14.16	138	392044	37.596 ng	99
54) 2,4-Dinitrophenol	14.37	184	195117	37.520 ng	99
55) Dibenzofuran	14.64	168	2039738	38.405 ng	99
56) 4-Nitrophenol	14.47	139	294069	36.427 ng	99
57) 2,4-Dinitrotoluene	14.63	165	504475	39.074 ng	95
58) Fluorene	15.29	166	1546127	38.026 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	437734	38.573 ng	98
60) Diethylphthalate	15.08	149	1779177	38.283 ng	100
61) 4-Chlorophenyl-phenylether	15.29	204	879652	38.079 ng	99
62) 4-Nitroaniline	15.33	138	359409	36.571 ng	99
63) Azobenzene	15.59	77	1685271	39.227 ng	97
65) 4,6-Dinitro-2-methylphenol	15.39	198	311413	42.638 ng	95
66) n-Nitrosodiphenylamine	15.51	169	1456696	42.975 ng	99
67) 4-Bromophenyl-phenylether	16.19	248	530978	42.584 ng	94
68) Hexachlorobenzene	16.29	284	571999	40.692 ng	99
69) Atrazine	16.47	200	512199	41.083 ng	97
70) Pentachlorophenol	16.64	266	401017	40.716 ng	99
71) Phenanthrene	17.03	178	2258474	39.478 ng	100
72) Anthracene	17.12	178	2240529	40.248 ng	100
73) Carbazole	17.40	167	2219146	39.450 ng	100
74) Di-n-butylphthalate	17.97	149	2734933	43.675 ng	100
75) Fluoranthene	19.06	202	2265507	35.000 ng	99
77) Benzidine	19.26	184	1200352	43.499 ng	100
78) Pyrene	19.42	202	2293430	43.863 ng	99
80) Butylbenzylphthalate	20.34	149	1009911	47.556 ng	99
81) Benzo(a)anthracene	21.18	228	1910733	39.138 ng	99
82) 3,3'-Dichlorobenzidine	21.12	252	793831	42.131 ng	99
83) Chrysene	21.23	228	1857639	39.176 ng	100
84) Bis(2-ethylhexyl)phthalate	21.12	149	1411233	44.952 ng	100
85) Di-n-octyl phthalate	21.99	149	2161971	43.007 ng	97
86) Indeno(1,2,3-cd)pyrene	25.56	276	2095003	55.290 ng	100
88) Benzo(b)fluoranthene	22.73	252	1814417	37.862 ng	98
89) Benzo(k)fluoranthene	22.77	252	1739496	35.913 ng	99
90) Benzo(a)pyrene	23.29	252	1712558	39.194 ng	99
91) Dibenzo(a,h)anthracene	25.56	278	1779510	48.443 ng	98
92) Benzo(g,h,i)perylene	26.21	276	1733342	50.178 ng	100

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

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