Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120618\
Data File : BM017954.D
Acq On : 06 Dec 2018 03:15
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
12/6/2018 12:20:31 PM

Quant Time: Dec 06 07:15:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	158545	20.00	ng		-0.05
21) Naphthalene-d8	10.33	136	608159	20.00	ng		-0.06
39) Acenaphthene-d10	14.21	164	311504	20.00	ng		-0.05
64) Phenanthrene-d10	16.97	188	637228	20.00	ng		-0.05
76) Chrysene-d12	21.18	240	670648	20.00	ng		-0.04
87) Perylene-d12	23.36	264	699461	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	728682	77.57	ng		-0.05
7) Phenol-d6	6.76	99	943523	71.91	ng		-0.05
23) Nitrobenzene-d5	8.72	82	889479	75.51	ng		-0.06
42) 2,4,6-Tribromophenol	15.72	330	338913	75.72	ng		-0.05
45) 2-Fluorobiphenyl	12.82	172	1981004	82.50	ng		-0.05
79) Terphenyl-d14	19.62	244	2315998	78.27	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	155583	39.765	ng	#	86
3) Pyridine	3.58	79	417838	36.407	ng	#	84
4) n-Nitrosodimethylamine	3.49	42	151121	29.892	ng		82
6) Aniline	6.91	93	573520	35.248	ng		97
8) 2-Chlorophenol	7.13	128	429128	38.168	ng		94
9) Benzaldehyde	6.73	77	283628	29.674	ng		92
10) Phenol	6.78	94	493052	35.801	ng		95
11) bis(2-Chloroethyl)ether	7.01	93	392495	36.102	ng		93
12) 1,3-Dichlorobenzene	7.45	146	501339	39.745	ng		95
13) 1,4-Dichlorobenzene	7.60	146	509976	39.443	ng		99
14) 1,2-Dichlorobenzene	7.91	146	480530	38.329	ng		97
15) Benzyl Alcohol	7.81	79	349433	33.442	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.09	45	434572	26.254	ng		91
17) 2-Methylphenol	8.01	107	328002	35.354	ng		95
18) Hexachloroethane	8.62	117	178355	39.140	ng		97
19) n-Nitroso-di-n-propylamine	8.37	70	294783	31.290	ng		92
20) 3+4-Methylphenols	8.34	107	439881	34.125	ng		97
22) Acetophenone	8.39	105	586603	38.647	ng	#	94
24) Nitrobenzene	8.76	77	446505	37.358	ng		97
25) Isophorone	9.28	82	669714	36.808	ng		99
26) 2-Nitrophenol	9.46	139	228245	41.459	ng		94
27) 2,4-Dimethylphenol	9.53	122	312648	39.405	ng		98
28) bis(2-Chloroethoxy)methane	9.76	93	461763	37.471	ng		97
29) 2,4-Dichlorophenol	9.99	162	364925	39.621	ng		98
30) 1,2,4-Trichlorobenzene	10.20	180	423724	39.555	ng		95
31) Naphthalene	10.38	128	1166857	39.024	ng		99
32) Benzoic acid	9.69	122	265152m	36.892	ng		
33) 4-Chloroaniline	10.51	127	482512	36.847	ng		97
34) Hexachlorobutadiene	10.65	225	271835	40.876	ng		100
35) Caprolactam	11.31	113	112316	33.114	ng	#	72
36) 4-Chloro-3-methylphenol	11.64	107	378861	35.628	ng		100
37) 2-Methylnaphthalene	12.00	142	780225	36.919	ng		97
38) 1-Methylnaphthalene	12.22	142	760884	36.720	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.37	216	455544	41.471	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.35	237	215618	37.987	ng		95
43) 2,4,6-Trichlorophenol	12.63	196	280561	40.777	ng		97
44) 2,4,5-Trichlorophenol	12.70	196	289277	39.819	ng		98
46) 1,1'-Biphenyl	13.03	154	1129630	40.400	ng		98
47) 2-Chloronaphthalene	13.07	162	841451	40.544	ng		97
48) 2-Nitroaniline	13.30	65	226719	35.324	ng		92
49) Acenaphthylene	13.93	152	1240305	39.777	ng		100
50) Dimethylphthalate	13.69	163	941091	37.159	ng		98
51) 2,6-Dinitrotoluene	13.81	165	213561	37.868	ng		93
52) Acenaphthene	14.27	154	744696	38.915	ng		99
53) 3-Nitroaniline	14.14	138	224387	36.545	ng		96
54) 2,4-Dinitrophenol	14.36	184	105224	34.963	ng		91
55) Dibenzofuran	14.62	168	1184217	37.867	ng		97
56) 4-Nitrophenol	14.46	139	157920	33.659	ng		92
57) 2,4-Dinitrotoluene	14.60	165	285429	37.546	ng		99
58) Fluorene	15.27	166	888396	37.108	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.85	232	250825	37.538	ng		99
60) Diethylphthalate	15.06	149	980954	35.847	ng		98
61) 4-Chlorophenyl-phenylether	15.27	204	502666	36.955	ng		99
62) 4-Nitroaniline	15.32	138	194118	33.546	ng		96
63) Azobenzene	15.56	77	895740	35.409	ng		97
65) 4,6-Dinitro-2-methylphenol	15.37	198	172749	39.133	ng		94
66) n-Nitrosodiphenylamine	15.49	169	842297	41.112	ng		99
67) 4-Bromophenyl-phenylether	16.16	248	307098	40.748	ng		98
68) Hexachlorobenzene	16.27	284	335962	39.543	ng		96
69) Atrazine	16.46	200	283797	37.662	ng		98
70) Pentachlorophenol	16.63	266	232499	39.056	ng		97
71) Phenanthrene	17.02	178	1347557	38.972	ng		99
72) Anthracene	17.10	178	1335599	39.695	ng		99
73) Carbazole	17.39	167	1342464	39.484	ng		99
74) Di-n-butylphthalate	17.95	149	1561014	41.244	ng		99
75) Fluoranthene	19.04	202	1511199	38.627	ng		99
77) Benzidine	19.24	184	732105	33.523	ng		100
78) Pyrene	19.40	202	1585389	38.313	ng		99
80) Butylbenzylphthalate	20.33	149	695347	41.373	ng		94
81) Benzo(a)anthracene	21.16	228	1515985	39.236	ng		100
82) 3,3'-Dichlorobenzidine	21.11	252	627661	42.091	ng		100
83) Chrysene	21.22	228	1468426	39.130	ng		99
84) Bis(2-ethylhexyl)phthalate	21.10	149	1030131	41.461	ng		100
85) Di-n-octyl phthalate	21.97	149	1731741	43.528	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.53	276	1766694	58.913	ng		99
88) Benzo(b)fluoranthene	22.71	252	1530664	37.367	ng		99
89) Benzo(k)fluoranthene	22.76	252	1500976	36.253	ng		98
90) Benzo(a)pyrene	23.27	252	1467249	39.284	ng		100
91) Dibenzo(a,h)anthracene	25.53	278	1518064	48.346	ng		99
92) Benzo(g,h,i)perylene	26.18	276	1471354	49.830	ng		99

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

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