Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120518\
Data File : BM017919.D
Acq On : 05 Dec 2018 01:46
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
12/5/2018 4:50:20 PM

Quant Time: Dec 05 04:58:39 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	7.58	152	273064	20.00	ng		-0.04
21) Naphthalene-d8	10.35	136	1121473	20.00	ng		-0.04
39) Acenaphthene-d10	14.23	164	592670	20.00	ng		-0.03
64) Phenanthrene-d10	16.99	188	1119325	20.00	ng		-0.02
76) Chrysene-d12	21.20	240	967320	20.00	ng		-0.02
87) Perylene-d12	23.39	264	1026149	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1334066	82.45	ng		-0.03
7) Phenol-d6	6.78	99	1887571	83.53	ng		-0.02
23) Nitrobenzene-d5	8.75	82	1795139	82.64	ng		-0.03
42) 2,4,6-Tribromophenol	15.74	330	686799	80.65	ng		-0.02
45) 2-Fluorobiphenyl	12.85	172	4172909	91.34	ng		-0.03
79) Terphenyl-d14	19.64	244	3906277	91.52	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	231995	34.427	ng	#	85
3) Pyridine	3.59	79	701706	35.500	ng	#	82
4) n-Nitrosodimethylamine	3.52	42	252132	28.957	ng	#	78
6) Aniline	6.93	93	1158734	41.349	ng		94
8) 2-Chlorophenol	7.16	128	843391	43.554	ng		94
9) Benzaldehyde	6.75	77	536216	32.573	ng		95
10) Phenol	6.81	94	973733	41.052	ng		93
11) bis(2-Chloroethyl)ether	7.03	93	762863	40.741	ng		94
12) 1,3-Dichlorobenzene	7.47	146	943421	43.425	ng		96
13) 1,4-Dichlorobenzene	7.62	146	966140	43.386	ng		100
14) 1,2-Dichlorobenzene	7.93	146	925476	42.861	ng		98
15) Benzyl Alcohol	7.83	79	697794	38.774	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.12	45	849150	29.785	ng		91
17) 2-Methylphenol	8.03	107	637468	39.895	ng		96
18) Hexachloroethane	8.63	117	217300	27.687	ng		99
19) n-Nitroso-di-n-propylamine	8.40	70	612850	37.770	ng		89
20) 3+4-Methylphenols	8.37	107	914346	41.185	ng		97
22) Acetophenone	8.41	105	1197608	42.787	ng	#	94
24) Nitrobenzene	8.79	77	889465	40.356	ng		95
25) Isophorone	9.30	82	1405376	41.886	ng		98
26) 2-Nitrophenol	9.49	139	358108	35.274	ng		91
27) 2,4-Dimethylphenol	9.55	122	661149	45.188	ng		99
28) bis(2-Chloroethoxy)methane	9.79	93	952487	41.915	ng		97
29) 2,4-Dichlorophenol	10.02	162	772448	45.480	ng		99
30) 1,2,4-Trichlorobenzene	10.22	180	844019	42.727	ng		97
31) Naphthalene	10.40	128	2368325	42.952	ng		99
32) Benzoic acid	9.76	122	525508	39.650	ng		96
33) 4-Chloroaniline	10.53	127	1057486	43.792	ng		97
34) Hexachlorobutadiene	10.67	225	545549	44.486	ng		99
35) Caprolactam	11.36	113	263782m	42.173	ng		
36) 4-Chloro-3-methylphenol	11.67	107	813006	41.460	ng		96
37) 2-Methylnaphthalene	12.02	142	1659110	42.573	ng		98
38) 1-Methylnaphthalene	12.25	142	1602237	41.931	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	970303	46.428	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	10232	0.947	ng		96
43) 2,4,6-Trichlorophenol	12.66	196	607558	46.412	ng		98
44) 2,4,5-Trichlorophenol	12.73	196	621908	44.994	ng		98
46) 1,1'-Biphenyl	13.06	154	2438656	45.840	ng		100
47) 2-Chloronaphthalene	13.10	162	1789753	45.326	ng		98
48) 2-Nitroaniline	13.32	65	556582	45.579	ng		91
49) Acenaphthylene	13.95	152	2603607	43.886	ng		99
50) Dimethylphthalate	13.71	163	2056360	42.675	ng		99
51) 2,6-Dinitrotoluene	13.83	165	407291	37.959	ng		90
52) Acenaphthene	14.30	154	1588032	43.617	ng		99
53) 3-Nitroaniline	14.17	138	563589	48.244	ng		91
54) 2,4-Dinitrophenol	14.39	184	6234	7.990	ng		91
55) Dibenzofuran	14.64	168	2518444	42.327	ng		97
56) 4-Nitrophenol	14.49	139	352659	38.645	ng		91
57) 2,4-Dinitrotoluene	14.63	165	515749	35.658	ng		93
58) Fluorene	15.29	166	1869837	41.050	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.87	232	517777	40.728	ng		99
60) Diethylphthalate	15.08	149	2119066	40.701	ng		99
61) 4-Chlorophenyl-phenylether	15.29	204	1077095	41.620	ng		98
62) 4-Nitroaniline	15.34	138	551141	50.059	ng		97
63) Azobenzene	15.59	77	1869918	38.851	ng		94
65) 4,6-Dinitro-2-methylphenol	15.40	198	16639	2.146	ng		84
66) n-Nitrosodiphenylamine	15.52	169	1792434	49.807	ng		99
67) 4-Bromophenyl-phenylether	16.19	248	650780	49.159	ng		98
68) Hexachlorobenzene	16.30	284	682674	45.744	ng		94
69) Atrazine	16.47	200	461814	34.890	ng		94
70) Pentachlorophenol	16.64	266	427120	40.847	ng		97
71) Phenanthrene	17.03	178	2634988	43.383	ng		99
72) Anthracene	17.13	178	2633908	44.565	ng		100
73) Carbazole	17.40	167	2608187	43.672	ng		99
74) Di-n-butylphthalate	17.97	149	3297777	49.604	ng		99
75) Fluoranthene	19.06	202	2662508	38.743	ng		98
77) Benzidine	19.27	184	1735586	55.098	ng		99
78) Pyrene	19.43	202	2679694	44.897	ng		99
80) Butylbenzylphthalate	20.34	149	1260802	52.010	ng		96
81) Benzo(a)anthracene	21.19	228	2419589	43.417	ng		99
82) 3,3'-Dichlorobenzidine	21.13	252	1089829	50.670	ng		100
83) Chrysene	21.24	228	2311577	42.706	ng		99
84) Bis(2-ethylhexyl)phthalate	21.12	149	1782640	49.743	ng		99
85) Di-n-octyl phthalate	21.99	149	2880970	50.205	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.57	276	2811618	65.003	ng		100
88) Benzo(b)fluoranthene	22.73	252	2411735	40.132	ng		98
89) Benzo(k)fluoranthene	22.78	252	2384969	39.265	ng		99
90) Benzo(a)pyrene	23.29	252	2336174	42.636	ng		100
91) Dibenzo(a,h)anthracene	25.58	278	2372247	51.497	ng		99
92) Benzo(g,h,i)perylene	26.24	276	2366793	54.637	ng		100

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

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