Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
Data File : BM018466.D
Acq On : 09 Jan 2019 10:09
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
1/10/2019 3:11:50 PM

Quant Time: Jan 09 12:35:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 10:48:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	349490	20.00	ng		0.00
21) Naphthalene-d8	10.56	136	1374604	20.00	ng		0.00
39) Acenaphthene-d10	14.41	164	781228	20.00	ng		0.00
64) Phenanthrene-d10	17.16	188	1779145	20.00	ng		0.00
76) Chrysene-d12	21.35	240	1934325	20.00	ng		0.00
87) Perylene-d12	23.64	264	1953994	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1546395	83.42	ng		0.00
7) Phenol-d6	6.93	99	1972635	76.64	ng		0.00
23) Nitrobenzene-d5	8.93	82	1928866	80.54	ng		0.00
42) 2,4,6-Tribromophenol	15.90	330	840479	84.67	ng		0.00
45) 2-Fluorobiphenyl	13.03	172	4788944	83.02	ng		0.00
79) Terphenyl-d14	19.79	244	7592463	83.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	307311	40.707	ng		97
3) Pyridine	3.69	79	813629	39.073	ng		96
4) n-Nitrosodimethylamine	3.60	42	334186	39.360	ng	#	95
6) Aniline	7.10	93	1127417	35.116	ng		99
8) 2-Chlorophenol	7.33	128	898972	40.214	ng		94
9) Benzaldehyde	6.92	77	543684	30.086	ng		97
10) Phenol	6.96	94	994709	37.563	ng		99
11) bis(2-Chloroethyl)ether	7.20	93	783739	37.969	ng		95
12) 1,3-Dichlorobenzene	7.65	146	1050884	40.019	ng		99
13) 1,4-Dichlorobenzene	7.80	146	1063680	39.870	ng		98
14) 1,2-Dichlorobenzene	8.11	146	1011776	38.652	ng		99
15) Benzyl Alcohol	8.01	79	718748	35.974	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.29	45	978846	29.778	ng		95
17) 2-Methylphenol	8.20	107	685275	36.529	ng		99
18) Hexachloroethane	8.83	117	378285	39.725	ng		95
19) n-Nitroso-di-n-propylamine	8.57	70	641270	32.704	ng		93
20) 3+4-Methylphenols	8.53	107	950703	37.775	ng		98
22) Acetophenone	8.59	105	1368827	39.222	ng	#	98
24) Nitrobenzene	8.97	77	941804	39.736	ng		96
25) Isophorone	9.49	82	1488412	35.827	ng		99
26) 2-Nitrophenol	9.67	139	484403	52.787	ng		96
27) 2,4-Dimethylphenol	9.73	122	694476	40.358	ng		97
28) bis(2-Chloroethoxy)methane	9.97	93	1012850	38.844	ng		99
29) 2,4-Dichlorophenol	10.20	162	848486	44.582	ng		97
30) 1,2,4-Trichlorobenzene	10.42	180	994499	42.656	ng		100
31) Naphthalene	10.60	128	2655845	40.086	ng		99
32) Benzoic acid	9.86	122	427124	44.562	ng		98
33) 4-Chloroaniline	10.72	127	1110995	36.601	ng		99
34) Hexachlorobutadiene	10.87	225	627720	44.342	ng		98
35) Caprolactam	11.52	113	288149m	40.967	ng		
36) 4-Chloro-3-methylphenol	11.85	107	895778	41.523	ng		97
37) 2-Methylnaphthalene	12.22	142	1886237	38.878	ng		99
38) 1-Methylnaphthalene	12.44	142	1833023	38.866	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	1094764	44.762	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	627438	52.909	ng	99
43) 2,4,6-Trichlorophenol	12.83	196	694954	50.024	ng	99
44) 2,4,5-Trichlorophenol	12.91	196	733651	48.325	ng	100
46) 1,1'-Biphenyl	13.24	154	2723960	40.803	ng	99
47) 2-Chloronaphthalene	13.28	162	2111711	41.300	ng	100
48) 2-Nitroaniline	13.50	65	551778	40.216	ng	93
49) Acenaphthylene	14.13	152	3121245	39.650	ng	100
50) Dimethylphthalate	13.87	163	2602677	39.876	ng	100
51) 2,6-Dinitrotoluene	14.00	165	565300	41.268	ng	94
52) Acenaphthene	14.47	154	1881572	39.608	ng	99
53) 3-Nitroaniline	14.33	138	581709	38.185	ng	97
54) 2,4-Dinitrophenol	14.53	184	252889	67.568	ng	91
55) Dibenzofuran	14.81	168	3121787	40.162	ng	98
56) 4-Nitrophenol	14.65	139	492695	42.850	ng	95
57) 2,4-Dinitrotoluene	14.78	165	786750	42.449	ng	99
58) Fluorene	15.46	166	2347166	38.768	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.03	232	644377	45.961	ng	98
60) Diethylphthalate	15.23	149	2653777	38.873	ng	99
61) 4-Chlorophenyl-phenylether	15.46	204	1340144	40.288	ng	99
62) 4-Nitroaniline	15.50	138	623059	38.425	ng	96
63) Azobenzene	15.75	77	2178637	35.015	ng	97
65) 4,6-Dinitro-2-methylphenol	15.54	198	423174	59.227	ng	91
66) n-Nitrosodiphenylamine	15.67	169	2250664	40.589	ng	99
67) 4-Bromophenyl-phenylether	16.35	248	801224	41.355	ng	95
68) Hexachlorobenzene	16.45	284	886063	40.373	ng	97
69) Atrazine	16.63	200	837360	40.738	ng	99
70) Pentachlorophenol	16.80	266	593929	46.411	ng	96
71) Phenanthrene	17.20	178	3769526	40.024	ng	100
72) Anthracene	17.29	178	3731106	39.768	ng	100
73) Carbazole	17.57	167	3854511	39.119	ng	100
74) Di-n-butylphthalate	18.13	149	4348151	38.827	ng	99
75) Fluoranthene	19.22	202	4426266	39.684	ng	98
77) Benzidine	19.42	184	2219580	40.144	ng	99
78) Pyrene	19.59	202	4704928	41.904	ng	100
80) Butylbenzylphthalate	20.49	149	1984738	42.968	ng	94
81) Benzo(a)anthracene	21.34	228	4644459	40.880	ng	100
82) 3,3'-Dichlorobenzidine	21.27	252	1818727	41.668	ng	99
83) Chrysene	21.39	228	4425038	40.371	ng	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	2880410	38.055	ng	100
85) Di-n-octyl phthalate	22.16	149	4867636	38.907	ng	95
86) Indeno(1,2,3-cd)pyrene	25.96	276	5161103	38.039	ng	97
88) Benzo(b)fluoranthene	22.94	252	4425072	40.602	ng	99
89) Benzo(k)fluoranthene	22.99	252	4608187	42.275	ng	98
90) Benzo(a)pyrene	23.54	252	4326101	41.321	ng	97
91) Dibenzo(a,h)anthracene	25.97	278	4349249	39.890	ng	99
92) Benzo(g,h,i)perylene	26.67	276	4230416	40.522	ng	98

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

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