Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\
Data File : BM020192.D
Acq On : 08 May 2019 12:52
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 08 15:29:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	115419	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	479682	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	302011	20.00	ng		0.00
64) Phenanthrene-d10	17.18	188	711494	20.00	ng		0.00
76) Chrysene-d12	21.37	240	679251	20.00	ng		0.00
87) Perylene-d12	23.66	264	769914	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	615430	87.16	ng		0.00
7) Phenol-d6	6.96	99	885916	91.84	ng		0.00
23) Nitrobenzene-d5	8.96	82	1059365	87.19	ng		0.00
42) 2,4,6-Tribromophenol	15.93	330	451896	96.40	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	2194851	89.42	ng		0.00
79) Terphenyl-d14	19.80	244	3609207	92.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	140177	40.478	ng		90
3) Pyridine	3.70	79	399636	45.121	ng		95
4) n-Nitrosodimethylamine	3.62	42	122619	43.174	ng	#	72
6) Aniline	7.12	93	565318	46.555	ng		100
8) 2-Chlorophenol	7.35	128	355413	46.227	ng		98
9) Benzaldehyde	6.94	77	310560	42.536	ng		94
10) Phenol	6.98	94	469661	45.227	ng		94
11) bis(2-Chloroethyl)ether	7.22	93	364193	48.252	ng		96
12) 1,3-Dichlorobenzene	7.67	146	396285	44.301	ng		94
13) 1,4-Dichlorobenzene	7.82	146	403065	44.604	ng		96
14) 1,2-Dichlorobenzene	8.13	146	395564	45.946	ng		98
15) Benzyl Alcohol	8.03	79	425447	45.739	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.30	45	268807	42.950	ng		94
17) 2-Methylphenol	8.23	107	309899	46.358	ng		95
18) Hexachloroethane	8.86	117	162460	43.117	ng		97
19) n-Nitroso-di-n-propylamine	8.59	70	380506	46.105	ng		95
20) 3+4-Methylphenols	8.56	107	422730	47.580	ng		97
22) Acetophenone	8.62	105	571062	43.560	ng	#	95
24) Nitrobenzene	9.00	77	539650	42.838	ng		95
25) Isophorone	9.52	82	956162	45.635	ng		99
26) 2-Nitrophenol	9.70	139	212333	55.830	ng		90
27) 2,4-Dimethylphenol	9.76	122	286488	45.246	ng		97
28) bis(2-Chloroethoxy)methane	10.00	93	519573	45.531	ng		100
29) 2,4-Dichlorophenol	10.23	162	370759	46.437	ng		98
30) 1,2,4-Trichlorobenzene	10.44	180	439009	44.687	ng		98
31) Naphthalene	10.63	128	1106067	44.434	ng		99
32) Benzoic acid	9.90	122	211589	47.109	ng		92
33) 4-Chloroaniline	10.75	127	463822	45.271	ng		96
34) Hexachlorobutadiene	10.90	225	304886	43.871	ng		97
35) Caprolactam	11.56	113	119803m	50.182	ng		
36) 4-Chloro-3-methylphenol	11.87	107	422289	45.008	ng		97
37) 2-Methylnaphthalene	12.25	142	824658	45.442	ng		97
38) 1-Methylnaphthalene	12.47	142	810066	45.648	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	535291	45.303	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	303672	43.649	ng		97
43) 2,4,6-Trichlorophenol	12.86	196	331993	49.439	ng		98
44) 2,4,5-Trichlorophenol	12.93	196	348921	46.511	ng		97
46) 1,1'-Biphenyl	13.26	154	1115200	44.862	ng		98
47) 2-Chloronaphthalene	13.31	162	892274	44.957	ng		97
48) 2-Nitroaniline	13.52	65	315626	44.668	ng		88
49) Acenaphthylene	14.16	152	1426942	44.924	ng		100
50) Dimethylphthalate	13.89	163	1137186	44.303	ng		99
51) 2,6-Dinitrotoluene	14.02	165	249712	46.189	ng		92
52) Acenaphthene	14.50	154	815923	44.794	ng		98
53) 3-Nitroaniline	14.35	138	228946	45.627	ng		98
54) 2,4-Dinitrophenol	14.56	184	131007	51.726	ng		91
55) Dibenzofuran	14.83	168	1358532	44.216	ng		97
56) 4-Nitrophenol	14.66	139	180819	42.236	ng		91
57) 2,4-Dinitrotoluene	14.81	165	347461	47.298	ng		91
58) Fluorene	15.48	166	1105898	43.827	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.06	232	330241	46.323	ng		95
60) Diethylphthalate	15.26	149	1104896	42.725	ng		99
61) 4-Chlorophenyl-phenylether	15.47	204	631396	44.162	ng		95
62) 4-Nitroaniline	15.52	138	246491	44.513	ng		89
63) Azobenzene	15.77	77	1233093	40.418	ng		98
65) 4,6-Dinitro-2-methylphenol	15.57	198	195959	53.604	ng		97
66) n-Nitrosodiphenylamine	15.69	169	954145	45.574	ng		99
67) 4-Bromophenyl-phenylether	16.37	248	402849	46.173	ng		98
68) Hexachlorobenzene	16.48	284	456683	45.486	ng		94
69) Atrazine	16.64	200	362673	44.327	ng		97
70) Pentachlorophenol	16.83	266	259679	45.205	ng		98
71) Phenanthrene	17.22	178	1736761	44.220	ng		99
72) Anthracene	17.32	178	1716614	43.715	ng		100
73) Carbazole	17.59	167	1524229	43.018	ng		99
74) Di-n-butylphthalate	18.14	149	1858738	43.591	ng		98
75) Fluoranthene	19.24	202	2107681	42.414	ng		99
77) Benzidine	19.43	184	860022	39.603	ng		99
78) Pyrene	19.61	202	2140654	46.940	ng		100
80) Butylbenzylphthalate	20.50	149	811894	48.956	ng		99
81) Benzo(a)anthracene	21.35	228	2088117	43.835	ng		99
82) 3,3'-Dichlorobenzidine	21.29	252	829976	45.651	ng		98
83) Chrysene	21.41	228	2022106	43.770	ng		100
84) Bis(2-ethylhexyl)phthalate	21.27	149	1147371	44.586	ng		98
85) Di-n-octyl phthalate	22.16	149	1960676	45.841	ng		97
86) Indeno(1,2,3-cd)pyrene	26.00	276	2480550	45.140	ng	#	100
88) Benzo(b)fluoranthene	22.97	252	2112207	41.545	ng		100
89) Benzo(k)fluoranthene	23.01	252	1941360	41.861	ng		98
90) Benzo(a)pyrene	23.56	252	1954528	42.324	ng		99
91) Dibenzo(a,h)anthracene	26.01	278	2072431	43.153	ng		100
92) Benzo(g,h,i)perylene	26.72	276	1986477	43.567	ng		99

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

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