Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102918\
Data File : BM017411.D
Acq On : 29 Oct 2018 17:40
Operator : MJ/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Oct 30 02:37:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 15:08:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	253468	20.00	ng		0.00
21) Naphthalene-d8	10.42	136	1193809	20.00	ng		0.00
39) Acenaphthene-d10	14.29	164	729609	20.00	ng		0.00
64) Phenanthrene-d10	17.04	188	1895650	20.00	ng		0.00
76) Chrysene-d12	21.24	240	2333456	20.00	ng		0.00
87) Perylene-d12	23.44	264	2162181	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1148544	76.64	ng		0.00
7) Phenol-d6	6.83	99	1693220	82.96	ng		0.00
23) Nitrobenzene-d5	8.80	82	1801068	88.24	ng		0.00
42) 2,4,6-Tribromophenol	15.79	330	928059	94.06	ng		0.00
45) 2-Fluorobiphenyl	12.90	172	4245705	77.43	ng		0.00
79) Terphenyl-d14	19.69	244	8430610	81.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	241156	31.513	ng	#	89
3) Pyridine	3.63	79	701071	39.815	ng	#	82
4) n-Nitrosodimethylamine	3.55	42	295285	41.774	ng	#	70
6) Aniline	6.99	93	1053600	41.270	ng		98
8) 2-Chlorophenol	7.22	128	711565	41.042	ng		97
9) Benzaldehyde	6.80	77	483244	37.133	ng		93
10) Phenol	6.86	94	889430	40.490	ng		99
11) bis(2-Chloroethyl)ether	7.09	93	691767	39.505	ng		97
12) 1,3-Dichlorobenzene	7.53	146	786945	38.937	ng		95
13) 1,4-Dichlorobenzene	7.68	146	806865	39.076	ng		96
14) 1,2-Dichlorobenzene	7.99	146	787995	39.608	ng		99
15) Benzyl Alcohol	7.89	79	702678	47.100	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.17	45	1025521	41.919	ng		97
17) 2-Methylphenol	8.09	107	629036	44.614	ng		96
18) Hexachloroethane	8.71	117	286275	40.512	ng		98
19) n-Nitroso-di-n-propylamine	8.46	70	622132	46.291	ng		99
20) 3+4-Methylphenols	8.42	107	859819	44.587	ng		97
22) Acetophenone	8.47	105	1193228	39.430	ng	#	99
24) Nitrobenzene	8.85	77	904963	41.913	ng		94
25) Isophorone	9.37	82	1536486	45.585	ng		98
26) 2-Nitrophenol	9.55	139	459928	45.810	ng		93
27) 2,4-Dimethylphenol	9.61	122	643089	43.148	ng		98
28) bis(2-Chloroethoxy)methane	9.85	93	1010006	42.573	ng		99
29) 2,4-Dichlorophenol	10.07	162	768671	44.420	ng		98
30) 1,2,4-Trichlorobenzene	10.29	180	831602	40.060	ng		98
31) Naphthalene	10.47	128	2287300	39.097	ng		99
32) Benzoic acid	9.78	122	585161	52.620	ng		92
33) 4-Chloroaniline	10.59	127	1072315	42.439	ng		98
34) Hexachlorobutadiene	10.75	225	488915	37.171	ng		98
35) Caprolactam	11.40	113	285379	45.251	ng		92
36) 4-Chloro-3-methylphenol	11.72	107	849456	43.548	ng		98
37) 2-Methylnaphthalene	12.09	142	1646153	41.119	ng		98
38) 1-Methylnaphthalene	12.31	142	1607188	41.247	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	984800	38.328	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.43	237	469052	37.761	ng		99
43) 2,4,6-Trichlorophenol	12.71	196	645830	43.299	ng		99
44) 2,4,5-Trichlorophenol	12.79	196	686524	42.923	ng		99
46) 1,1'-Biphenyl	13.12	154	2539753	38.682	ng		99
47) 2-Chloronaphthalene	13.16	162	1868521	38.684	ng		99
48) 2-Nitroaniline	13.37	65	585756	43.526	ng		97
49) Acenaphthylene	14.01	152	2890780	41.289	ng		100
50) Dimethylphthalate	13.76	163	2325270	41.309	ng		99
51) 2,6-Dinitrotoluene	13.88	165	540500	43.627	ng		99
52) Acenaphthene	14.36	154	1756369	39.954	ng		99
53) 3-Nitroaniline	14.22	138	598961	44.639	ng		100
54) 2,4-Dinitrophenol	14.42	184	302933	45.620	ng		97
55) Dibenzofuran	14.69	168	2894195	39.590	ng		99
56) 4-Nitrophenol	14.53	139	464718	40.477	ng		98
57) 2,4-Dinitrotoluene	14.67	165	766265	46.018	ng	#	98
58) Fluorene	15.34	166	2261955	41.803	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.92	232	651530	44.688	ng		99
60) Diethylphthalate	15.13	149	2434336	43.608	ng		99
61) 4-Chlorophenyl-phenylether	15.34	204	1280876	41.523	ng		98
62) 4-Nitroaniline	15.39	138	655642	44.202	ng		97
63) Azobenzene	15.64	77	2359950	43.494	ng		99
65) 4,6-Dinitro-2-methylphenol	15.44	198	511864	42.917	ng		98
66) n-Nitrosodiphenylamine	15.56	169	2226029	38.813	ng		99
67) 4-Bromophenyl-phenylether	16.24	248	835279	40.130	ng		97
68) Hexachlorobenzene	16.34	284	931127	38.511	ng		97
69) Atrazine	16.53	200	836128	40.734	ng		98
70) Pentachlorophenol	16.70	266	705251	42.581	ng		98
71) Phenanthrene	17.09	178	4059559	39.692	ng		99
72) Anthracene	17.17	178	3992707	41.085	ng		99
73) Carbazole	17.45	167	4218628	42.496	ng		100
74) Di-n-butylphthalate	18.02	149	4649392	44.406	ng		99
75) Fluoranthene	19.11	202	5051442	43.892	ng		99
77) Benzidine	19.30	184	2598843	43.923	ng		99
78) Pyrene	19.47	202	5359488	41.095	ng		100
80) Butylbenzylphthalate	20.39	149	2387950	48.099	ng		94
81) Benzo(a)anthracene	21.23	228	5305986	40.407	ng		100
82) 3,3'-Dichlorobenzidine	21.17	252	2108992	43.093	ng		100
83) Chrysene	21.28	228	5106662	39.290	ng		99
84) Bis(2-ethylhexyl)phthalate	21.16	149	3500058	46.306	ng		100
85) Di-n-octyl phthalate	22.04	149	5861960	45.852	ng		97
86) Indeno(1,2,3-cd)pyrene	25.66	276	4486901	30.865	ng		99
88) Benzo(b)fluoranthene	22.79	252	4820833	40.780	ng		100
89) Benzo(k)fluoranthene	22.83	252	5011476	42.248	ng		100
90) Benzo(a)pyrene	23.35	252	4557208	40.602	ng		100
91) Dibenzo(a,h)anthracene	25.67	278	3844089	34.491	ng		100
92) Benzo(g,h,i)perylene	26.33	276	3533021	31.984	ng		99

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

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