Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121818\
Data File : BM018271.D
Acq On : 18 Dec 2018 15:10
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Dec 18 16:54:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	123654	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	551314	20.00	ng	-0.02
39) Acenaphthene-d10	14.15	164	320121	20.00	ng	-0.01
64) Phenanthrene-d10	16.91	188	714249	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	679897	20.00	ng	-0.01
87) Perylene-d12	23.29	264	576076	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	604418	81.65	ng	0.00
7) Phenol-d6	6.69	99	862117	83.79	ng	-0.01
23) Nitrobenzene-d5	8.65	82	927973	86.34	ng	-0.01
42) 2,4,6-Tribromophenol	15.66	330	367273	78.17	ng	-0.01
45) 2-Fluorobiphenyl	12.76	172	1976744	79.98	ng	-0.01
79) Terphenyl-d14	19.57	244	2732317	90.89	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	120554	41.113	ng	97
3) Pyridine	3.50	79	377301	43.738	ng	99
4) n-Nitrosodimethylamine	3.43	42	128932	43.423	ng	95
6) Aniline	6.84	93	533657	41.347	ng	99
8) 2-Chlorophenol	7.06	128	356208	40.729	ng	97
9) Benzaldehyde	6.66	77	255376	40.722	ng	95
10) Phenol	6.72	94	459935	42.211	ng	99
11) bis(2-Chloroethyl)ether	6.94	93	353666	40.840	ng	99
12) 1,3-Dichlorobenzene	7.38	146	389599	39.892	ng	97
13) 1,4-Dichlorobenzene	7.52	146	398047	40.136	ng	99
14) 1,2-Dichlorobenzene	7.83	146	389612	40.753	ng	99
15) Benzyl Alcohol	7.75	79	354536	42.290	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.02	45	291126	37.357	ng	94
17) 2-Methylphenol	7.95	107	303253	41.681	ng	95
18) Hexachloroethane	8.54	117	153223	42.152	ng	98
19) n-Nitroso-di-n-propylamine	8.30	70	326410	42.490	ng	97
20) 3+4-Methylphenols	8.28	107	425310	41.719	ng	98
22) Acetophenone	8.32	105	584325	40.051	ng	99
24) Nitrobenzene	8.69	77	468017	43.579	ng	97
25) Isophorone	9.21	82	725660	40.552	ng	98
26) 2-Nitrophenol	9.39	139	207073	39.312	ng	91
27) 2,4-Dimethylphenol	9.46	122	295162	38.881	ng	95
28) bis(2-Chloroethoxy)methane	9.69	93	468361	40.153	ng	98
29) 2,4-Dichlorophenol	9.92	162	347558	41.292	ng	99
30) 1,2,4-Trichlorobenzene	10.12	180	386076	40.325	ng	92
31) Naphthalene	10.30	128	1058947	39.282	ng	99
32) Benzoic acid	9.65	122	238991	33.246	ng	91
33) 4-Chloroaniline	10.44	127	469823	39.786	ng	98
34) Hexachlorobutadiene	10.57	225	245796	40.593	ng	98
35) Caprolactam	11.25	113	120363	37.528	ng	97
36) 4-Chloro-3-methylphenol	11.57	107	406139	40.157	ng	96
37) 2-Methylnaphthalene	11.93	142	754238	39.673	ng	98
38) 1-Methylnaphthalene	12.15	142	734695	39.604	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.30	216	445804	40.498	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	134367	33.145	ng		98
43) 2,4,6-Trichlorophenol	12.56	196	290593	41.043	ng		94
44) 2,4,5-Trichlorophenol	12.65	196	301293	40.084	ng		99
46) 1,1'-Biphenyl	12.97	154	1132904	39.338	ng		99
47) 2-Chloronaphthalene	13.01	162	841944	39.720	ng		98
48) 2-Nitroaniline	13.24	65	282873	43.321	ng		95
49) Acenaphthylene	13.87	152	1277933	40.007	ng		99
50) Dimethylphthalate	13.63	163	1039092	39.043	ng		100
51) 2,6-Dinitrotoluene	13.75	165	232786	39.789	ng		91
52) Acenaphthene	14.22	154	769245	39.405	ng		100
53) 3-Nitroaniline	14.09	138	245276	39.838	ng		92
54) 2,4-Dinitrophenol	14.30	184	127187	39.409	ng		94
55) Dibenzofuran	14.55	168	1256377	40.054	ng		99
56) 4-Nitrophenol	14.42	139	202218	43.320	ng		90
57) 2,4-Dinitrotoluene	14.56	165	332699	41.140	ng		93
58) Fluorene	15.21	166	977134	40.333	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.79	232	267828	39.565	ng	#	97
60) Diethylphthalate	15.00	149	1124559	39.155	ng		98
61) 4-Chlorophenyl-phenylether	15.21	204	552286	40.309	ng		98
62) 4-Nitroaniline	15.26	138	236793	40.533	ng		86
63) Azobenzene	15.50	77	1140255	43.540	ng		98
65) 4,6-Dinitro-2-methylphenol	15.32	198	177945	33.842	ng		95
66) n-Nitrosodiphenylamine	15.43	169	926310	39.219	ng		98
67) 4-Bromophenyl-phenylether	16.10	248	336272	38.875	ng		96
68) Hexachlorobenzene	16.21	284	370831	39.131	ng		95
69) Atrazine	16.40	200	314601	39.455	ng		97
70) Pentachlorophenol	16.57	266	269264	43.023	ng		98
71) Phenanthrene	16.95	178	1520587	39.194	ng		99
72) Anthracene	17.05	178	1522323	39.552	ng		99
73) Carbazole	17.33	167	1544446	39.095	ng		99
74) Di-n-butylphthalate	17.89	149	1895183	38.881	ng		99
75) Fluoranthene	18.99	202	1724897	38.241	ng		99
77) Benzidine	19.19	184	799022	46.345	ng		99
78) Pyrene	19.35	202	1818295	44.883	ng		99
80) Butylbenzylphthalate	20.27	149	842881	43.735	ng		93
81) Benzo(a)anthracene	21.12	228	1550552	39.041	ng		99
82) 3,3'-Dichlorobenzidine	21.06	252	620954	39.135	ng		98
83) Chrysene	21.17	228	1479533	38.730	ng		99
84) Bis(2-ethylhexyl)phthalate	21.06	149	1270920	44.247	ng		97
85) Di-n-octyl phthalate	21.92	149	1935102	41.137	ng		99
86) Indeno(1,2,3-cd)pyrene	25.42	276	1394529	36.647	ng		99
88) Benzo(b)fluoranthene	22.66	252	1320030	40.793	ng		99
89) Benzo(k)fluoranthene	22.70	252	1296826	40.240	ng		99
90) Benzo(a)pyrene	23.20	252	1221830	39.700	ng		100
91) Dibenzo(a,h)anthracene	25.43	278	1191257	41.785	ng		99
92) Benzo(g,h,i)perylene	26.07	276	1125190	41.752	ng		98

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

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