Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081318\
Data File : BM016318.D
Acq On : 13 Aug 2018 10:19
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Aug 13 23:14:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 10 18:44:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	22617	20.00	ng		-0.01
21) Naphthalene-d8	10.94	136	101925	20.00	ng		-0.01
38) Acenaphthene-d10	14.76	164	57614	20.00	ng		-0.01
63) Phenanthrene-d10	17.49	188	127164	20.00	ng		-0.02
75) Chrysene-d12	21.62	240	115944	20.00	ng		-0.02
86) Perylene-d12	23.96	264	115018	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	110170	80.92	ng		-0.01
7) Phenol-d6	7.29	99	146714	82.51	ng		-0.01
23) Nitrobenzene-d5	9.31	82	190013	86.71	ng		-0.01
41) 2,4,6-Tribromophenol	16.25	330	54788	74.98	ng		-0.01
44) 2-Fluorobiphenyl	13.38	172	404217	85.37	ng		-0.01
78) Terphenyl-d14	20.07	244	595967	107.60	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	27317	42.821	ng	#	100
3) Pyridine	3.89	79	57592	37.476	ng	#	77
4) n-Nitrosodimethylamine	3.80	42	55005	45.889	ng	#	27
6) Aniline	7.45	93	81352	39.736	ng	#	87
8) 2-Chlorophenol	7.69	128	66363	41.010	ng		95
9) Benzaldehyde	7.27	77	50048	40.061	ng		89
10) Phenol	7.32	94	72376	40.707	ng		92
11) bis(2-Chloroethyl)ether	7.55	93	55702	39.657	ng		86
12) 1,3-Dichlorobenzene	8.00	146	76202	40.230	ng	#	85
13) 1,4-Dichlorobenzene	8.16	146	77664	40.428	ng	#	93
14) 1,2-Dichlorobenzene	8.47	146	75735	40.291	ng	#	91
15) Benzyl Alcohol	8.38	79	61776	43.633	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	8.65	45	75141	34.954	ng		94
17) 2-Methylphenol	8.58	107	51619	42.476	ng	#	81
18) Hexachloroethane	9.19	117	35799	43.111	ng		98
19) n-Nitroso-di-n-propylamine	8.94	70	52744	40.584	ng	#	70
20) 3+4-Methylphenols	8.92	107	70182	40.139	ng	#	83
22) Acetophenone	8.97	105	101501	39.549	ng	#	81
24) Nitrobenzene	9.36	77	89669	40.651	ng	#	94
25) Isophorone	9.87	82	119209	39.769	ng	#	93
26) 2-Nitrophenol	10.06	139	36081	39.184	ng	#	39
27) 2,4-Dimethylphenol	10.12	122	52005	40.538	ng	#	76
28) bis(2-Chloroethoxy)methane	10.35	93	72214	37.066	ng		98
29) 2,4-Dichlorophenol	10.60	162	64463	42.287	ng		98
30) 1,2,4-Trichlorobenzene	10.80	180	74797	40.383	ng	#	93
31) Naphthalene	10.99	128	198226	38.427	ng		100
32) Benzoic acid	10.29	122	34975	35.764	ng	#	76
33) 4-Chloroaniline	11.12	127	86361	41.025	ng	#	86
34) Hexachlorobutadiene	11.24	225	57891	45.059	ng		92
35) Caprolactam	11.93	113	16970	40.193	ng		90
36) 4-Chloro-3-methylphenol	12.23	107	72053	42.973	ng	#	83
37) 2-Methylnaphthalene	12.59	142	140609	40.690	ng	#	86
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	84559	43.110	ng	#	100
40) Hexachlorocyclopentadiene	12.91	237	7612	14.820	ng		88

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	51297	41.800	ng		96
43) 2,4,5-Trichlorophenol	13.29	196	55737	44.032	ng	#	83
45) 1,1'-Biphenyl	13.59	154	204250	39.283	ng		99
46) 2-Chloronaphthalene	13.65	162	163097	40.330	ng	#	89
47) 2-Nitroaniline	13.87	65	55732	41.684	ng	#	76
48) Acenaphthylene	14.49	152	239416	40.440	ng		100
49) Dimethylphthalate	14.22	163	204295	40.518	ng		99
50) 2,6-Dinitrotoluene	14.36	165	41036	40.450	ng	#	34
51) Acenaphthene	14.82	154	144517	39.691	ng		95
52) 3-Nitroaniline	14.69	138	42551	38.832	ng	#	79
53) 2,4-Dinitrophenol	14.93	184	10150	27.637	ng	#	56
54) Dibenzofuran	15.16	168	244288	40.714	ng	#	77
55) 4-Nitrophenol	15.02	139	23664	30.125	ng		93
56) 2,4-Dinitrotoluene	15.15	165	60786	41.904	ng	#	60
57) Fluorene	15.80	166	185153	41.527	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	46359	42.608	ng	#	100
59) Diethylphthalate	15.56	149	229519	42.233	ng	#	93
60) 4-Chlorophenyl-phenylether	15.79	204	107028	43.120	ng	#	74
61) 4-Nitroaniline	15.86	138	41589	39.558	ng	#	1
62) Azobenzene	16.08	77	270193	47.207	ng	#	71
64) 4,6-Dinitro-2-methylphenol	15.92	198	22865	29.624	ng	#	80
65) n-Nitrosodiphenylamine	16.01	169	172747	41.255	ng		97
66) 4-Bromophenyl-phenylether	16.68	248	62840	43.641	ng	#	74
67) Hexachlorobenzene	16.80	284	61732	38.930	ng	#	51
68) Atrazine	16.95	200	63608	42.384	ng		99
69) Pentachlorophenol	17.15	266	33258	33.871	ng		98
70) Phenanthrene	17.54	178	281173	39.494	ng		97
71) Anthracene	17.63	178	280057	40.475	ng		97
72) Carbazole	17.90	167	275297	38.405	ng	#	94
73) Di-n-butylphthalate	18.43	149	399897	44.770	ng	#	95
74) Fluoranthene	19.53	202	309129	38.926	ng		98
76) Benzidine	19.72	184	104749	32.330	ng		98
77) Pyrene	19.89	202	317536	45.701	ng		99
79) Butylbenzylphthalate	20.75	149	188792	53.487	ng	#	76
80) Benzo(a)anthracene	21.61	228	286384	40.104	ng		99
81) 3,3'-Dichlorobenzidine	21.54	252	112521	39.119	ng		98
82) Chrysene	21.66	228	272738	39.815	ng		100
83) Bis(2-ethylhexyl)phthalate	21.50	149	288197	56.338	ng		91
84) Di-n-octyl phthalate	22.40	149	436042	50.717	ng	#	87
85) Indeno(1,2,3-cd)pyrene	26.34	276	324942	39.974	ng	#	96
87) Benzo(b)fluoranthene	23.25	252	269243	39.758	ng	#	95
88) Benzo(k)fluoranthene	23.30	252	262405	38.234	ng	#	97
89) Benzo(a)pyrene	23.86	252	257498	39.553	ng		99
90) Dibenzo(a,h)anthracene	26.33	278	273312	40.521	ng	#	96
91) Benzo(g,h,i)perylene	27.07	276	254117	39.834	ng	#	91

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

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