Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070820\
Data File : BM026696.D
Acq On : 08 Jul 2020 02:58
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 08 05:07:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 16:22:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	74153	20.00	ng		0.00
21) Naphthalene-d8	10.08	136	333474	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	232060	20.00	ng		0.00
64) Phenanthrene-d10	16.74	188	529725	20.00	ng		0.00
76) Chrysene-d12	20.97	240	659525	20.00	ng		0.00
86) Perylene-d12	23.03	264	673591	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	348936	78.87	ng		0.00
7) Phenol-d6	6.54	99	575997	81.72	ng		0.00
23) Nitrobenzene-d5	8.48	82	645122	82.53	ng		0.00
42) 2,4,6-Tribromophenol	15.50	330	281286	83.21	ng		0.00
45) 2-Fluorobiphenyl	12.60	172	1397974	80.10	ng		0.00
79) Terphenyl-d14	19.41	244	2741278	81.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	82982	39.037	ng		98
3) Pyridine	3.33	79	209422	34.445	ng		98
4) n-Nitrosodimethylamine	3.25	42	148438	40.790	ng		94
6) Aniline	6.67	93	356455	41.201	ng		99
8) 2-Chlorophenol	6.90	128	213361	40.486	ng		97
9) Benzaldehyde	6.49	77	155748	39.812	ng		97
10) Phenol	6.56	94	285554	40.989	ng		99
11) bis(2-Chloroethyl)ether	6.78	93	230880	39.636	ng		99
12) 1,3-Dichlorobenzene	7.22	146	226416	39.525	ng		97
13) 1,4-Dichlorobenzene	7.36	146	233715	40.082	ng		97
14) 1,2-Dichlorobenzene	7.67	146	233314	40.168	ng		98
15) Benzyl Alcohol	7.58	79	248761	41.245	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.86	45	485687	40.398	ng		98
17) 2-Methylphenol	7.79	107	217399	41.062	ng		99
18) Hexachloroethane	8.38	117	93918	40.555	ng		93
19) n-Nitroso-di-n-propylamine	8.15	70	246399	42.012	ng		96
20) 3+4-Methylphenols	8.12	107	304025	41.769	ng		98
22) Acetophenone	8.15	105	392628	41.432	ng	#	96
24) Nitrobenzene	8.52	77	332046	40.380	ng		98
25) Isophorone	9.05	82	627260	41.849	ng		99
26) 2-Nitrophenol	9.22	139	124813	41.125	ng		97
27) 2,4-Dimethylphenol	9.30	122	203752	41.286	ng		99
28) bis(2-Chloroethoxy)methane	9.53	93	339039	40.944	ng		99
29) 2,4-Dichlorophenol	9.75	162	227881	41.928	ng		98
30) 1,2,4-Trichlorobenzene	9.96	180	247683	40.849	ng		99
31) Naphthalene	10.13	128	753639	40.633	ng		99
32) Benzoic acid	9.50	122	161954	39.312	ng		99
33) 4-Chloroaniline	10.26	127	340649	41.985	ng		99
34) Hexachlorobutadiene	10.42	225	162051	40.355	ng		99
35) Caprolactam	11.06	113	85175	44.241	ng		98
36) 4-Chloro-3-methylphenol	11.41	107	292732	42.616	ng		97
37) 2-Methylnaphthalene	11.76	142	566659	41.244	ng		99
38) 1-Methylnaphthalene	11.99	142	537193	40.810	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	302367	40.306	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	149014	38.787 ng	97
43) 2,4,6-Trichlorophenol	12.40	196	204608	41.636 ng	100
44) 2,4,5-Trichlorophenol	12.47	196	239056	41.398 ng	97
46) 1,1'-Biphenyl	12.81	154	733638	40.023 ng	98
47) 2-Chloronaphthalene	12.85	162	594195	40.127 ng	98
48) 2-Nitroaniline	13.07	65	256772	42.136 ng	97
49) Acenaphthylene	13.70	152	958098	40.473 ng	100
50) Dimethylphthalate	13.47	163	801872	40.399 ng	99
51) 2,6-Dinitrotoluene	13.59	165	174181	40.980 ng	95
52) Acenaphthene	14.06	154	586072	40.738 ng	98
53) 3-Nitroaniline	13.92	138	187492	42.402 ng	99
54) 2,4-Dinitrophenol	14.14	184	102987	38.498 ng	98
55) Dibenzofuran	14.40	168	949209	40.240 ng	99
56) 4-Nitrophenol	14.26	139	146309	40.013 ng	99
57) 2,4-Dinitrotoluene	14.39	165	257196	41.926 ng	98
58) Fluorene	15.05	166	790785	40.490 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.63	232	206804	41.008 ng	99
60) Diethylphthalate	14.86	149	861332	41.038 ng	100
61) 4-Chlorophenyl-phenylether	15.06	204	428693	40.514 ng	96
62) 4-Nitroaniline	15.10	138	190014	37.511 ng	99
63) Azobenzene	15.35	77	951664	41.282 ng	98
65) 4,6-Dinitro-2-methylphenol	15.16	198	148137	39.060 ng	94
66) n-Nitrosodiphenylamine	15.28	169	693105	41.174 ng	98
67) 4-Bromophenyl-phenylether	15.95	248	268928	40.787 ng	98
68) Hexachlorobenzene	16.06	284	280998	40.492 ng	98
69) Atrazine	16.25	200	214043	42.284 ng	98
70) Pentachlorophenol	16.42	266	165156	42.069 ng	99
71) Phenanthrene	16.79	178	1278142	40.871 ng	100
72) Anthracene	16.88	178	1295854	41.625 ng	99
73) Carbazole	17.16	167	1249741	42.107 ng	100
74) Di-n-butylphthalate	17.75	149	1583969	42.443 ng	99
75) Fluoranthene	18.82	202	1603518	41.631 ng	99
77) Benzidine	19.03	184	536051	41.227 ng	98
78) Pyrene	19.19	202	1690650	40.693 ng	99
80) Butylbenzylphthalate	20.12	149	798793	42.844 ng	98
81) Benzo(a)anthracene	20.95	228	1811979	40.901 ng	100
82) 3,3'-Dichlorobenzidine	20.90	252	606045	43.102 ng	98
83) Chrysene	21.00	228	1747086	40.517 ng	100
84) Bis(2-ethylhexyl)phthalate	20.92	149	1264166	42.325 ng	100
85) Di-n-octyl phthalate	21.76	149	2167036	42.448 ng	99
87) Indeno(1,2,3-cd)pyrene	25.05	276	2075150	43.274 ng	100
88) Benzo(b)fluoranthene	22.43	252	1865104	42.023 ng	99
89) Benzo(k)fluoranthene	22.47	252	1856071	42.634 ng	99
90) Benzo(a)pyrene	22.95	252	1751026	42.499 ng	99
91) Dibenzo(a,h)anthracene	25.06	278	1747321	43.164 ng	99
92) Benzo(g,h,i)perylene	25.66	276	1607339	43.094 ng	99

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

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